PROJECT NO.	NAME	MACH PART NO.	E C NO.	LOGIC NO
	LOGIC INDEX	1443 PF 07 49797	307327	00.00.00.0
FR CH	LOGIC NO.	LOGIC NAME	PART NO.	E C NO.
03 D1	00.00.01.0	MFI SHEET	736705	307322 B
03 D1	20.00.00.1	CONNECTING LINES	749897	122139
03.D1	20.00.00.2	CONNECTING LINES	749863	118198
03 D1	20.00.01.1	CIRCUIT CARD LOCATION CHART	749875	305518
03 D1	20.00.02.1	EDGE CONNECTOR LIST	749998	122139
03 D1	20.00.03.0	SOLAR CELLS + MAGNETIC EMITTERS	749456	305540
03 D1	20.00.04.0	MOTORS CLUTCHES BRAKES	749457	305540
03 D1	20.00.05.0	HAMMER COILS	749458	307322 B
03 D1	20.00.06.0	CARRIAGE BRUSHES + HR CBS	749459	122157
03 D1	20.00.07.0	POWER DISTRIBUTION	749454	307327
03 D1	20.00.08.0	INTLK OP CONTROLS + INDICATORS	749455	307322 B
03 D1	20.00.09.0	POWER SUPPLY SCHEMATIC	749450	122121
03 DI	20.00.10.0	TERMINAL BLOCK ASSIGNMENTS	736661	122157
03 D1	20.00.11.0	CE REFERENCE CHARTS	736706	305549
03 D1	20.00.12.0	INTERCONNECTIONS 1441 TO 1443	736727	118202
03 D1	20.00.13.0	GATE VOLTAGE CHAINS	832554	118294
03 D1	20.01.00.1	CONTROLS	749900	305540
03 D1	20.02.00.1	SOLAR CELL + EMITTER AMP	749904	307322
03 D1	20.03.00.1	HAMMER RESTOR CONTROL	749906	118294
03 D1	20.04.00.1	TYPE BAR CONTROL	749907	307322
03 DI	20.05.00.1	CARRIAGE CONTROLS	749908	122139
03 D1	20.05.01.1	CARRIAGE CONTROLS	832608	122152
03 D1	20.05.02.1	CARRIAGE CONTROLS	749910	118294
03 D1	20.05.03.1	CARRIAGE CONTROLS	749911	118198
03 D1	20.05.04.1	CARRIAGE CONTROLS	749974	122152
03 D1	20.06.00.1	PRINT CONTROL	749914	122158
03 D1	20.07.00.1	PRINT CHARACTER COUNTER	749915	122152
03 D1	20.07.01.1	PRINT CHARACTER COUNTER	749916	122157
03 D1	20.07.02.1	PRINT CHARACTER COUNTER	749968	118294
03 D1	20.08.00.1	COMPARE	749918	122092
03 D1	20.09.00.1	PARITY CHK	749920	118213
03 D1	20.09.01.1	PARITY + SYNC CHECK LATCHES	749921	122157
03 D1	20.10.00.1	X ADDRESS DECODE	749922	115643K
03 D1	20.10.01.1	Y ADDRESS DECODE	749923	115643K
03 D1	20.10.02.1	Y ADDRESS DECODE	749924	118213
03 D1	20.10.03.1	ADDRESS DECODE	749925	115643N
03 D1	20.11.00.1	PRINT MAGNET DRIVERS	747725	118213
03 D1	20.11.01.1	PRINT MAGNET DRIVERS	747720	118213
03 D1	20.11.02.1	PRINT MAGNET DRIVERS	749928	118213
03 D1	20.11.03.1	PRINT MAGNET DRIVERS	747720	118213
03 D1	20.11.04.1	PRINT MAGNET DRIVERS	749930	118213
03 D1	20.11.05.1	PRINT MAGNET DRIVERS		
03 D1	20.11.06.1		749931	118225
03 D1	20.11.06.1	PRINT MAGNET DRIVERS	749932	118213
03 D1		PRINT MAGNET DRIVERS	749933	118213
03 D!	20.11.08.1	PRINT MAGNET DRIVERS	749934	118213
03 D1		PRINT MAGNET DRIVERS	749935	118225
	20.11.10.1	PRINT MAGNET DRIVERS	749936	118213
03 D1	20.11.11.1	PRINT MAGNET DRIVERS	749937	!!8213
03 D1	20.11.12.1	PRINT MAGNET DRIVERS	749938	118213
03 D1	20.11.13.1	PRINT MAGNET DRIVERS	749939	118213
03 D1	20.11.14.1	PRINT MAGNET DRIVERS	749940	118213
03 D1	20.14.00.1	DATA LINES	749951	118213

PROJECT NO.	NAME	MACH PA	ART NO.	ECNO.	LOGIC NO.
	LOGIC INDEX	1443 PF	0749797	307327	00.00.00.0
FR CH	LOGIC NO.	LOGIC NAME		PART NO.	E C NO.
03 D1	20.14.03.1	PRINTER INTERFACE		749954	305508
03 D1	20.15.00.1	CLOCK + CLOCK CONTROL		749955	122092
03 D1	20.15.01.1	CLOCK DECODE		749956	305518
03 D1	20.15.02.1	BUFFER ADDRESS REGISTER U	NITS	749957	305518
03 D1	20.15.03.1	UNITS BIAS DRIVE		749958	115643G
03 D1	20.15.04.1	BUFFER ADDRESS REGISTER TE	:NS	749959	115643G
03 D1	20.15.05.1	TENS BIAS DRIVE		749960	115643G
03 D1	20.15.06.1	BUFFER SWITCH CORE MATRI	X SET RESET	749961	118294
03 D1	20.15.07.1	BUFFER SENSE WINDINGS +	AMPLIFIERS	749962	118213
03 D1	20.15.08.1	BUFFER REGISTER		749963	122152
03 D1	20.15.09.1	BUFFER REGIŞTER		749964	118213
03 D1	20.15.10.1	INHIBIT GATES + DRIVERS		749965	118213
03 D1	20.15.11.1	VOLTAGE REGULATOR SCM	LOAD CARDS	749966	118213
03 D1	99.99.91.1	METER CIRCUIT		736739	122120B
	99.99.95.0	METER POWER PACK		740581	118373

736705	1443 MFI CO	DE	00.00.0	1.0
			organia - Anna	• -
CHECK BLOCK IF FEATURE IS ON MACHINE	MFI CODE BA NPF PF	DESCRIPTION BASIC NON-BUFFERED BUFFERED	CHASSIS 03DI 03DI 03DI	A
В	HSP	144 PRINT POSITIONS MULTIPLE TYPEBAR SELECTOR MOD I 150 LPM (52 CHAR BAR) MOD III 240 LPM (52 CHAR BAR) MOD IIII 140 LPM (52 CHAR BAR)	03D1 03D1 03D1 03D1	В
	1620	MOD IV 230 LPM (52 CHAR BAR) 1620 ADAPTER 1800 ADAPTER	03D1 03E1 03E1	_
C				С
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		DATE EC NO DATE	EC NO DATE	EC NO

+Y DATA B 11		+Y PROC BIT B 20.14.00.1
+Y DATA A 36.00.06.1		+Y PROC BIT A 20-14-60-1
+Y DATA 8 36.00.06.1-*3		+Y PROC BIT 8
+Y DATA 4 36.00.06.1-*4		+Y PROC BIT 4
+Y DATA 2		ty PROG BIT 2
36.00.06.1-+5		+Y PROC BIT 1 -20.14.00.1
36.00.06.1-*6		
+Y DATA C 30.00.1-*7		+Y PROC BIT C 20.14.00.1
+Y CARR CTRL 36.00.06.1 +8		+Y CARR (CTRL
-Y PRINT INSTR 36.00.06.1-+9		
14 PMR ON RESET	선생님은 10년 전 12년 전 12년 전 12년	+Y PWR ON RESET 20.01.00.1
-y TD T OFF 36.00.06.1*B		-Y TD T OFF
+Y STOR PR OUT 36.60.06.1-+C		+Y STOR PR OUT
TY CARR + PRT BUSY 20.05.04.1		
ty CARR CH 9 20.05.02.1		+Y CARR CH -R-36.66.66.1
+Y CARR CH 12 20.05.03.1		†Y CARR CH 12
-Y PARITY CHECK 20.09.01.1		-Y PARITY CHECK
-Y I O CHK STP SW ON 36.00.06.1-20		-Y I O CHK STP SW ON 20-09-01-1
+Y CARR BUSY 20.05.04.1 +Y PR CHECK RESET 30.00.06.1-+E		+Y CARR BUSY +U-36.00.06.1 01.1 +Y PR CHECK RESET 20.09.01.1
+Y RUN LATCH 20.01.1		†Y RUN LATCH *Y-36.00.06.1
-Y PROC RELEASE		-Y PROC RELEASE
†Y 1443*CND 03D1E08J* 00.00.00.0		+Y 1443*PF*
20.14.03.1 +Y SP SUPP MOD 36.00.06.1 +F		+Y SP SUPP MOD
36.00.06.1-+6		-Y PROC+D CYCLE -20.14.03.1 -Y TIME 105-000 -20.05.00.1
+Y SYNC CHECK 20-09-01-1- -Y-TIME 060-390		+Y SYNC CHECK
CKT 1 36.00.06.1-+J		CKT 1 20.14.03.1 -Y TIME 015-030 20.14.03.1
-Y CARR CH 1 20.05.03.1 +Y START RESET CKT 1 36.00.06.1+L		-Y CARR CH 1
-Y TIME 090-000 36.00.06.1-*M		-Y TIME 090-000 -20-14-03-1 -Y PROCESS M -99-09-91-1
+Y BLOCK DATA 36.00.06.1-+P		+Y BLOCK DATA -20.01.00.1
*1-03D1F08A *2-03D *7-03D1F086 *8-03D *D-03D1F06C *E-03D *K-03D1F066 *L-03D) FOOR	*6-03D1F08F *C-03D1F08N *J-03D1F06H *0-03D1F06D
*R03D1F080 *503D *X03D1F07N *Y03D		√u —uspifuod
	요한 문제를 받아 있는 것이 되는데 하는데 보다 되었다. 그런데 하는데 되었다. 그는데 이용 전에 걸었다. 그녀의 그래 이 경영을 하는데 없는데 하는데 사용되다.	

Y REG 1 20.15.08.1	BUFFER RES 1
7 REG 2 20.15.00.1———————————————————————————————	BUFFER REG 2
7 REG & 20.15.08.1	BUFFCR REG 4 *3-00.00.0
Y REG 8 20. 13. 08. 1	BUFFER P.E6 8
7 REG A 20. 1	BUFFER REG A *500.00.00.00
20.15.89.1	BUFFER REG 8
20. 15. 09. 1	BUFFER REG C
Y UNITS A 20.15.02.1	A R UNITS A #8-00.00.0
Y UNITS B	A R UNITS B
20.15.02.1	A R UNITS C
Y UNITS D 20.15.02.1	AR UNITS D.
Y UNITS E 20.15.02.1	*B00.00.00 A_R_UNITS_E
Y TENS A	*C00.00.00 A_R_TENS_A
20.15.04.1	*D00.00.0
26.15.64.1	*E00.00.00 A_R TENS_C
Y TENS C 20.15.04.1	#F00.00.00.0
26.15.64.1	*600.00.00.0
Y TENS E 20.15.04.1	A R TENS E
Y PCC 1 20.07.08.1	CHAR CIR 1
Y PCC 2 26.07.00.1	CHAR CTR 2
Y PCC & 20.07.00.1	CHAR CTR %
Y PCC 8 20.07.00.1	CHAR CTR 8
Y PCC A 1.1	CHAR CTR A
Y PCC B 20.07.01.1	CHAR CTR B
Y CARR 1 20.05.00.1	CARR D REG 1
Y CARR 2 20.05.00.1	CARR D REG 2
Y CARR 4 20.05.00.1	CARR D REG %
Y CARR 8 20.05.00.1	CARR D RE6 8
Y CARR A 20.05.00.1	CARR D REG A
Y CARR B 20.05.00.1	CARR D REG R
Y HMR RESTR TRL 20.03.00.1	HMR CTRL LTCH
Y TB BRAKE	TB BRAKE ** ** ** ** ** ** ** ** ** ** ** ** **
7 RUN 20.01.00.1	RUN LATCH *Y 00.00.00.00.00
7 HMR RDY 20.03.00.1	HMR RDY LTCH
Y_PRINT_	
20.06.00.1 Y_PR_SCAN_6T	
20.06.00.1	PR CTRL LTCH
20.06.00.1	
20.04.00.1	TB CL RT
20.04.00.1	#Š~~Ö0~Ö0.00.0
Y PCC ADV LTCH 20.07.01.1-	## ## ## ## ## ## ## ## ## ## ## ## ##
Y PCC RESET 20.07.01.1 Y OPT 18 ADV	PCC RESET LTCH
20.07.02.1	OPT TB ADV LTC
On 15.00.1	CLK CTRL TRI6
Y LN START 20.02.00.1	LINE START
Y LN STOP 20.06.00.1	LINE STOP
-Y TB HOME LT 20.02.00.1	TB HOME LT
-Y HMA RESTR 20.02.00.1	HMR RESTORE
-Y HUNDREDS 20.15.06.1	A R HUNDREDS
-Y CARR RDY 20.05.04.1	CARR RDY

COMMENTS

A D6X- BA G37G376 G2	B DHZ- BA 137219k (12	REMARKS C D ITMA- BA 18373254 61	E DEN- BA G372195 G2	DEN- BA
D6X- BA 0370376 02 20.03.00.1 20.03.00.1	20.01.00.1 20.06.00.1	TMA— BA 01 20.11.09 20.11.09 20.11.09 1 20.11.09 20.11.09 1 20.11.09 20.11.09 20.11.09 20.11.09 20.11.09 20.11.09 1		DEN- PA 0372195 02 20.69-01.1 20.63-06.1
D6V— BA 0370378 03 20.01.00.1 20.01.00.1 20.01.00.1	AXB— BA G3722G1 G2 20.05.01.1 20.05.01.1 20.06.00.1 20.06.00.1	TMA— BA d d d d d d d d d d d d d d d d d d	1120.05.02.1	D6T-BA 0370380 04 2007.01.1 20.07.61.1 20.05.03.1 20.03.00.1
D6Y- 78A 03 70378 03 20 05 05 05 1	D6V- 0370378 03 20.06.00.1 20.06.00.1	20.11.11.1 20.11.11	YM9-366 06 120-65-62-1 120-65-63-1 120-65-63-1	DFR-28A 0370226 04 20.03.00.1 20.03.00.1 20.03.01.1 20.09.01.1
AXX — BA AXX — 237 02 220 05 00 1 200 05 00 1 200 05 00 1 200 05 00 1 200 05 00 1 200 05 05 05 05 05 05 05 05 05 05 05 05 0	D6T- BA 0370380 04 20.06.00.1 20.05.01.1 20.03.00.1 20.05.04.1	TMA— 144 0373254 01 20.11.12.1 20.11.12 20.11.12.1 20.11.12 20.11.12.1 20.11.12 20.11.12.1 20.11.12 20.11.12.1 20.11.12	DHB— PF 0370348 06 1 20.14.00.1 1 20.14.00.1 1 20.14.00.1 1 20.14.00.1	D6U-PF 0370379 04 20:15:00:1 20:15:08:1 20:15:02:1 20:01:00:1
AXX BA 02 0372237 02 05 05 06 1 20 05 06 1 2		TMA— 144 01 20 11 13 20 11 13 20 11 13 20 11 13 1 20 11 13 20 11 1	D6U- 0370379 04 120.05.03.1 120.09.01.1	947-3 BA 9372361 12 26.95.96.1 26.14.63.1 26.14.63.1 26.14.63.1 26.14.63.1 26.14.63.1 26.14.63.1
AXX— BA 6372237 02 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1	D6T— BA 0370386 04 20.05.64.1 20.09.61.1 20.14.03.1 20.05.64.1	TMA— 144 0373254 01 26.11.14.1 20.11.14.1 20.11.14.1 20.11.14.1	D6T- PF 0370380 04 20.09.01.1 20.10.03.1 20.66.00.1 20.14.03.1	DGT- PF
D6X- BA 0370376 02 20.08.00.1	Z6H— PF 0372586 04 25.05.01.1 20.05.01.1 20.05.08.1 20.07.00.1	AXV- BA 0372244 04 0372244 20.10.00.1 20.10.00.1 20.10.00.1 20.10.00.1 20.10.00.1	DHB— BA 04 070348 06 1 20 10 403 1 1 20 01 000 1 1 20 10 03 1 20 05 04 1 20 14 03 1	D6T- PF 6376386 04 26.66.66.1 26.66.66.1 26.66.66.1 26.66.66.1
D6X- BA 0370376 02 20.07.01.1 20.05.01.1	D6T- BA 0370386 64 20.05.01.1 20.05.01.1 20.05.01.1	AXV- BA 6372244 64 6372244 26.16.66.1 26.16.61 26.16.61.1 26.16.61 26.16.61.1 26.16.61 26.16.61.1 26.16.61	D6W- PF 0370377 03 1 20.10.01.1 1 20.10.01.1 1 20.10.01.1	D6V- PF 0370378 03 20.06.00.1 20.14.03.1 20.09.01.1
AXK- BA G3722G9 G2 20.05.G2.1 20.05.G2.1 20.05.G2.1	DHB— BA 06.20-06-06-120-06-06-120-08-06-120-120-08-08-120-08-120-08-120-08-120-08-120-08-120-08-120-08-120-08-120-08-120-120-08-120-120-120-120-120-120-120-120-120-120	AXV— BA 6372244 04 6372244 26.16.61.1 26.16.62 20.16.61.1 26.16.62 20.16.61.1 26.16.62 20.16.62.1 26.67.66	D6W- PF 04 0370377 03 1 20-10-01-1 1 20-10-00-1	D6W- PF 0370377 03 20.10.02.1 20.10.02.1 20.10.02.1
AXN— BA 0372212 01 20.05.02.1 20.05.02.1 20.05.02.1 20.05.02.1	AXN— BA 0372212 01 20.05.03.1 20.05.03.1 20.05.03.1	AXV- BA DFR- BA 03772244 04 0370226 20-10-02-1 20-02-00 20-0	D6N- PF 04 D6N- PF 04 10.00.1 1 20.10.00.1	D6W- PF 0370377 03 20.10.02.1 20.10.02.1 20.10.02.1
AXN— BA 0372212 01 20.05.02.1 20.05.02.1 20.05.02.1	AXC- BA 0372202 02 20.05.03.1 20.05.03.1 20.05.03.1 20.07.00.1 20.07.00.1	D6T- BA 04 0371598 20.01.00 1 20.02.00 1 20.03.00 1 20.02.00 1 20.02.00 1 20.03 1 20.0	D6W- PF 0370377 03 1 20-10-00-1 20-10-00-1 20-10-00-1	D6W- PF 0370377 03 20.10.02.1 20.10.01.1 20.10.01.1
D6Y- BA 0370378 03 20.07.01.1 20.07.00.1	D6T- BA 04 0370380 04 20.15.01.1 20.01.00.1 20.01.00.1	AXS- BA AXS- BA		D6W- PF 0370377 03 20-10-01-1 20-10-01-1 20-10-01-1
DHE— BA 0370262 02 20.05.04.1		AXS— BA DHJ— BA 037.035.2	• •	D6T- PF 0370380 04 20.15.02.1 20.15.03.1 20.10.03.1 20.10.03.1
B 0370377 03 03.05.04.1 20.14.03.1 20.05.04.1	D6T- BA 0370380 04 230.07.00.1 20.07.00.1 20.07.00.1 20.07.00.1	RE NOTEG DHV— BA 0370352 20.05.00.1 20.09.00 20.09.00 20.09.00 20.09.00 20.09.00 20.09.00 20.09.00	DFR-26 04 04 04 126 15 08 1 126 15 08 1 1 20 15 08 1 1 20 15 08 1	DHC — BA 0370372 06 20.01.00.1 20.01.00.1 20.01.00.1 20.01.00.1 20.1.00.1 20.15.01.1

0749875	A	В	REMARKS C	TION CHART	C3D1	F 30	3 20.00.01.1 SHEET 3 5518 DATE JUN 02, 19
29	DHB- BA G6 20 - 05 - 04 - 1 20 - 05 - 04 - 1 20 - 14 - 03 - 1 20 - 07 - 00 - 1 20 - 07 - 00 - 1 20 - 07 - 00 - 1 20 - 07 - 00 - 1	DER	DHB- 0370348 26.03.00.1 20.03.00.1 20.09.00.1 20.14.00.1 20.14.00.1	DEN-195 G2 2372195 G2 2372195 G2 2372195 G2	DFB-26 64 9370226 64 23.15.08.1 20.15.08.1 20.15.08.1		
36	D6Y- BA 0370375 02 20.07.01.1 20.15.06.1	DFG-BA 0370225 03 20.07.00.1 20.02.00.1 20.07.01.1	D6V- BA 0370378 03 26.14.03.1 26.01.00.1	DEN- BA 0372195 02 20.04.00.1 20.03.00.1	YKS- PF 63772221 64 200.15.02.1 200.15.02.1 200.15.03.1	YKS— PF 9372221 64 26.15.64.1 26.15.64.1 26.15.65.1	
31		061	D6T- BA G4 0370386 G4 20.03.06.1 20.03.06.1 20.03.06.1 20.03.04.1	DHB— BA 06 6376348 06 29.01.00.1 20.09.01.1 20.09.01.1 20.09.01.1 20.05.01.1	YKS-2PF 64 1 20 - 15 - 62 - 1 2 6 - 15 - 63 - 1	YKS- PF 0372221 04-1 20-15-04-1 20-15-04-1 20-15-05-1	
32	DFQ- BA 63 63 25 63 25 65 63 26 65 65 65 65 65 65 65 65 65 65 65 65 65	DGT- BA 0370380 04 20.09.01.1 20.07.01.1 20.07.01.1	D6V— BA 0370378 03 99.99.91.1 99.99.91.1	D6V	7K5-221 04 20.15.02.1 20.15.02.1 20.15.03.1	YKS-221 04 200 15:04:1 20:15:04:1 20:15:04:1 20:15:05:1	
33 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	DHB— HSP 06 020 07 0348 06 020 07 032 1 20 07 02 1 20 07 02 1 20 07 02 1 20 07 02 1 20 07 02 1	DGT— HSP 9379386 0h 20.07.02.1 20.07.01.1 20.07.02.1 20.07.02.1	DHC	DGT- PF 0370380 04 20.15.01.1 20.15.01.1 20.15.01.1 20.05.04.1	YKS	YK S- PF 6372221 64 26.15.64.1 26.15.64.1 26.15.64.1 26.15.65.1	
34	D6V- HSP 0370378 03 0 20.67.02.1 20.67.02.1 20.67.02.1 20.67.02.1 2	06T- HSP 0370386 04 20.07.02.1 20.07.00.1 20.07.00.1	DHB— BA 06 20 05 05 05 05 05 05 05 05 05 05 05 05 05	D6T- BA 0370380 04 26-15-66-1 26-15-66-1 26-15-66-1 26-12-66-1	YKS-2PF 0372221 04 20.15.02.1 20.15.02.1 20.15.03.1	YKS-221 64 10372221 64 20.15.64.1 20.15.64.1 20.15.65.1	
35	D6V- HSP 03 0 0370378 03 0 20.077.02.1 20.07.02.1 20.07.02.1	06V HSP 9376378 63 26.07.62.1 26.07.62.1 20.07.62.1	DFQ- BA 0370225 03 20.15.01.1 20.14.03.1 20.15.00.1	DFR- PF 0370226 04 20.15.09.1 20.06.00.1 20.15.09.1 20.06.00.1	YKZ-28 66 20.1502.1 20.1506.1 20.1506.1 20.1506.1	YKS- PF 6372221 64 26.15.66.1 26.15.66.1 26.15.66.1	
36	D6V- HSP 0370378 03 03 03 03 03 03 03 03 03 03 03 03 03	DGT- BA 0370380 04 20-15-00-1 20-07-00-1 20-15-00-1 20-15-01-1	ADC- 0373316 03 20.07.00.1 20.07.00.1 20.07.01.1		YKZ— 2F 9372228 96 20.15.02.1 20.15.06.1 20.15.06.1 20.15.06.1	D YKW- PF 0372225 03 20.15.07.1 20.15.11.1	
37	D6T- BA GA	AXZ- HSP 9372239 01 20.67.66.1	ADC— BA 0373316 03 20.07.00.1 20.07.00.1 20.07.01.1		YKR- PF G372226 G3 26.15.68.1 26.15.16.1 20.15.16.1	<u>c</u>	
38	D6T- HSP 1 0370386 04 1 20.07.02.1 20.07.02.1 26.07.02.1 20.07.02.1		ADC- PF 0373316 03 20.15.00.1 20.15.00.1 20.15.00.1		YKT- PF 0372222 01 20.15.11.1	YKX- PF 6372226 61 26.15.11.1	
39	DEN- HSP 0372195 02 02 02 03 09 01 1 2 0 09 0 01 1 2 0 09 0 0 1 1 2 0 09 0 0 1 1 2 0 0 09 0 0 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D6T- HSP 0370380 04 20.09.01.1 20.09.01.1 20.09.01.1	DHF- PF 0370350 02 20.15.00.1 20.15.00.1	YKR	YKT- PF 0372222 01 20.15.11.1	YKY- PF 0372227 03 20.15.07.1 20.15.11.1	
¥6	AXG- HSP 0372206 01 20.09.01.1 20.09.01.1 20.09.01.1 20.09.01.1	D6X— BA 0370376 02 20.05.04.1 20.05.04.1	DEF— PF 0370216 04 20.15.00.1 20.15.00.1 20.15.00.1	YKR- PF 0372220 03 20-15-08-1 20-15-10-1 20-15-10-1	YKV- PF 0372221 01 20.15.11.1	C YLA- PF 0372229 02 20.15.07.1	
41			TDK- PF 0370551 03 20.15.00.1	YKR- PF 0372220 03 20.15.10.1 20.15.10.1	YKY- PF 0372225 01 20.15.11.1	B YLA- PF 0372229 02 20.15.07.1 20.15.07.1	
42			B C D6X- PF 0370376 02 20.15.01.1 20.15.01.1	YKR- PF 0372220 03 20.15.09.1 20.15.10.1 20.15.10.1	YKU- PF 0372223 01 20.15.11.1	YLA- PF 0372229 02 20.15.07.1 20.15.07.1	

1443 20.00.01.1 SHEET 5 305518 DATE JUN 02, 1966

NOTE 20.07.02.1 20.07.01.1 20.07.01.1 20.01.00.1 20.05.00.1 20.07.01.1 NOTE 20.05.00.1 20.10.02.1 20.15.00.1 20.05.04.1 NOTE 30.09.00.1 20.09.01.1 20.05.04.1 20.05.04.1 20.05.04.1 NOTE 30.05.00.1 20.09.01.1 20.09.01.1 20.01.00.1 NOTE 30.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 NOTE 30.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 NOTE 30.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.05.00.1 20.09.00.1 20.09.00.1 20.09.00.1

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AGIB AGIC AGID AGIE AGIF AGIG	-Y TBS 13 -Y TBS 39 -Y TBS 52 -Y TBS 63 -Y TBS 52+63 +Y TBS 13 +Y TBS 39 +Y TBS 63	DRANINGS 20.07.02.1 20.09.01.1 20.07.00.1 26.07.01.1 26.07.02.1 26. 20.07.01.1 20.09.01.1 20.07.00.1 26.09.61.1 20.07.00.1 20.07.00.1 20.07.00.1
A02B A02C A02D A02E A02F A026	-Y CARR BRUSH 8	20.05.03.1 20.05.03.1 20.05.03.1 20.05.02.1 20.05.02.1 20.05.02.1 20.05.02.1 20.05.02.1
A02M A02N A02P A02Q A02R	-Y CARR BRUSH 9 -Y CARR BRUSH 10 -Y CARR BRUSH 11 -Y CARR BRUSH 12	20.05.02.1 20.05.02.1 20.05.02.1 20.05.03.1
A03B A03C A03D A03E A03F A036 A03H A03J A03K	-Y RESET	20.01.00.1 20.01.00.1 20.01.00.1 20.05.00.1 20.05.00.1 20.01.00.1
AC3L	READY IND SYNC CHECK IND PARITY CHK IND FORM CHECK IND	20.01.00.1 20.09.01.1 20.09.01.1 20.01.00.1
ACHA ACHB ACHC ACHD ACHE ACHG ACHM ACHJ ACHK ACHL	+Y HMR RESTR CL +Y CARR DETENT +Y HMR RESTR BK +Y CARR CLUTCH -Y HRCB 3 +Y CARR BRAKE -Y HRCB 4 +Y TB CL LT	20.03.00.1 20.05.04.1 20.05.04.1 20.05.04.1 20.05.04.1 20.05.04.1 20.05.04.1 20.08.00.1
AGUN AGUP AGUQ AGUR	+Y TB BRAKE -Y FORM CHECK +Y TB CL RT -Y HRCB 5	20.04.00.1 20.01.00.1 20.04.00.1 20.03.00.1
BOID	CARR BRAKE CLAMP CARR DETENT CLAMP CARR CLUTCH CLAMP	20.05.04.1 20.05.04.1 20.05.04.1
B03D B03E B03F B03G B03H B03J B03K B03L B03M B03N B03P B03Q B03R	END OF FORM IND TB DRIVE CLAMP HY METER POWER PACK	20.03.00.1 20.01.00.1 20.01.00.1
BOWA BOWB BOWE BOWE BOWE BOWE BOWA BOWA BOWA BOWA BOWA	PR TIMER LT PR TIMER RT CARR BRK CTRL —Y END OF FÖRM PR TIMER LT RETURN	20.02.00.1 20.02.00.1 20.02.00.1 20.01.00.1

PANEL 03D1 ENG. CHANGE NO. 122139

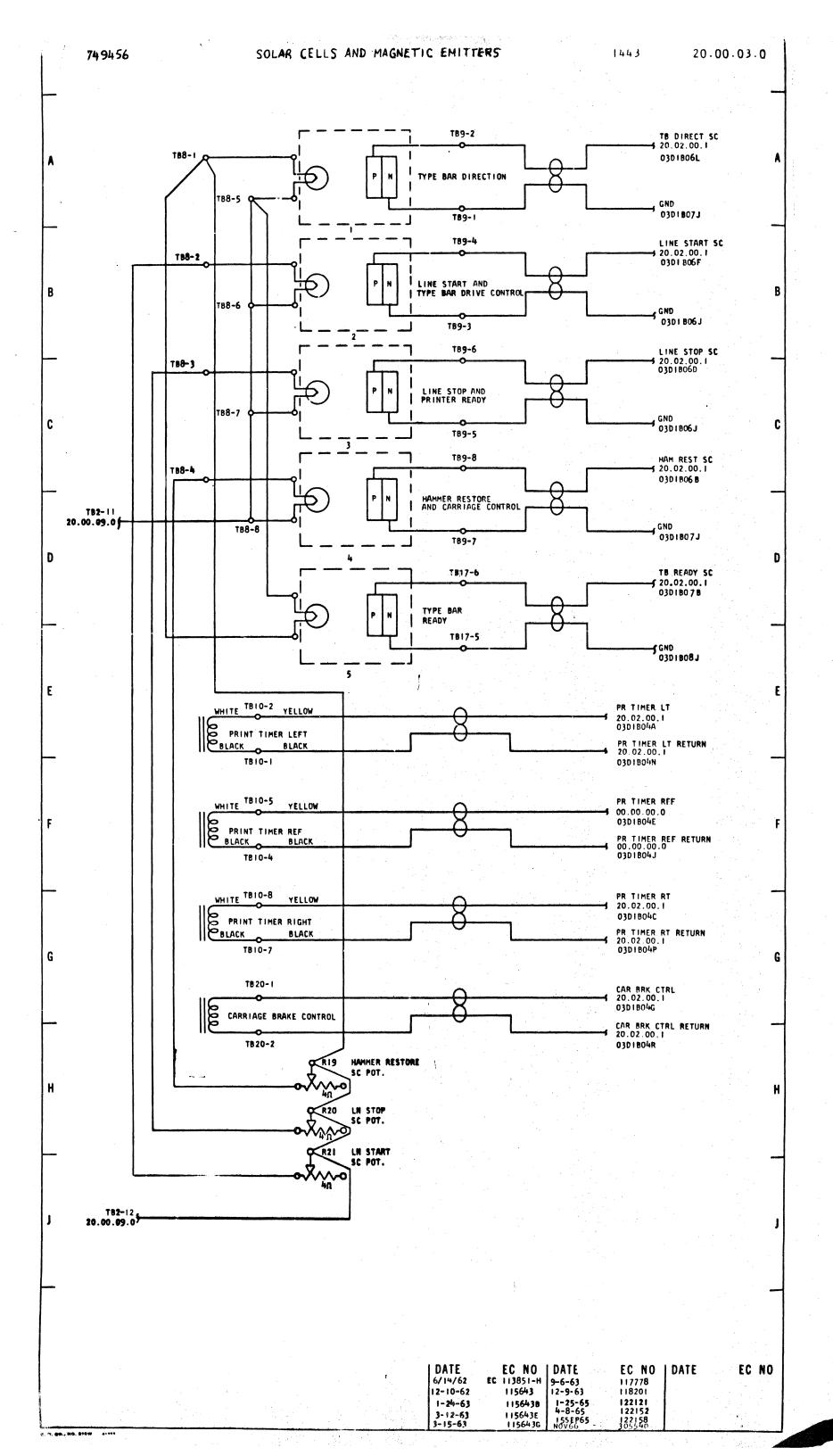
F06A F06B F06C F06E F06F F066 F06H F06J	-Y PARITY CHECK +Y PR CHECK RESET -Y I O CHK STP SW ON -Y PROC RELEASE +Y PRINT READY -Y PROC+D CYCLE -Y TIME 015-030 -Y TIME 060-090CKT 1	20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1
FO6K FO6L FO6M FO6N FO6P	-Y PRINT INSTR +Y SYNC CHECK +Y SP SUPP MOD -Y CARR CH 1	20.00.00.1 20.00.00.1 20.00.00.1
F060 F06R F07A	+Y BLOCK DATA +Y START RESET CRT 1	20.00.00.1 20.00.00.1
F07B F07C F07D F07E F07F F07G F07H		
	-Y TIME 105-000 -Y TIME 090-000 -Y PROCESS M +Y 1443	20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1
FO7R FO8A	+Y CARR BUSY	20.00.00.1
F08B F08C F08D F08E F08F F08B F08H	+Y DATA A +Y DATA 8 +Y DATA 4 +Y DATA 2 +Y DATA 1 +Y DATA C +Y CARR CTRL	20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1
FOSK FOSL FOSM FOSN FOSP FOSQ FOSR	+Y PWR ON RESET +Y RUN LATCH -Y TD T OFF +Y STOR PR OUT -Y CARR + PRT BUSY +Y CARR CH 9 +Y CARR CH 12	20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1 20.00.00.1
F09A F09B F09C F09D	-Y RESET SCM +Y PARITY CHK LTCH -Y CARR READY	20.15.01.1 20.09.01.1 20.05.04.1
F09E F09F F096 F09H F09J F09K F09L F09M F09N F09N F09P F09Q F09Q	+Y PRINT LATCH +Y MACH RESET	20.06.00.1 20.01.00.1
FICA FIGB FIGC FIGD FIGE FIGE FIGH FIGJ FIGK FIGK	BUFFER REG 1 BUFFER REG 2 BUFFER REG 4 BUFFER REG 6 BUFFER REG A BUFFER REG B BUFFER REG C A R UNITS A	20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2
FIOM FION FIOP FIOQ	A R UNITS C A R UNITS D A R UNITS E	20.00.00.2 20.00.60.2 20.00.00.2
F11A F11B F11C F11D F11E F11F F116 F11H	A R TENS A A R TENS B A R TENS C A R TENS D A R TENS E A R HUNDREDS CHAR CTR 1 CHAR CTR 2	20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2 20.00.00.2
FIIK FIIL FIIM FIIN	CHAR CTR 4	20.00.00.2
FIIP FIIO FIIR	CHAR CTR 8 CHAR CTR A CHAR CTR B	20.00.00.2 20.00.00.2 20.00.00.2
F12A F12B F12C F12D F12E	CARR D REG 1 CARR D REG 2 CARR D REG 4 CARR D REG 8 CARR D REG A	20.00.00.2 20.00.00.2 20.00.00.2 20.00.06.2 20.00.06.2

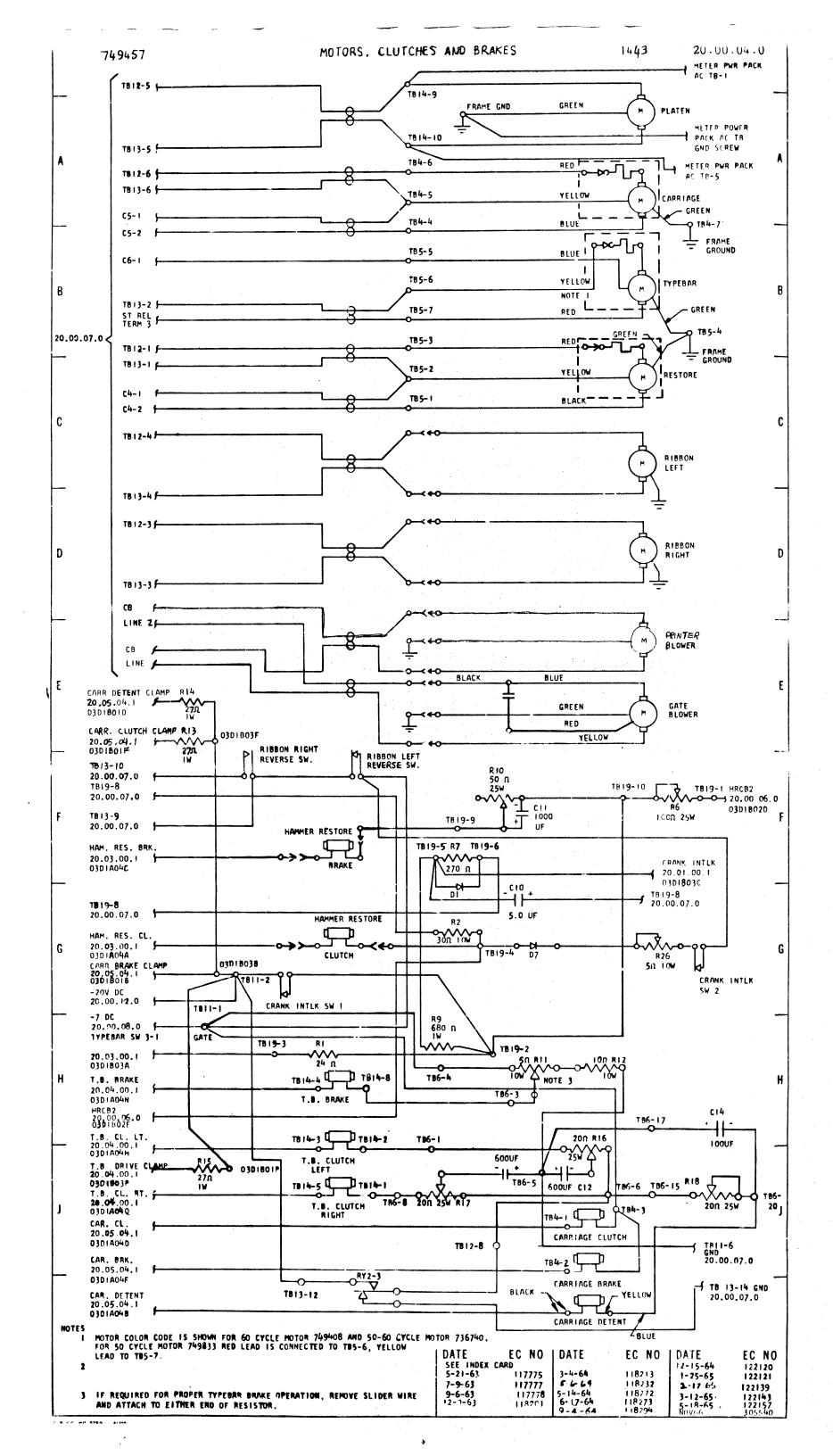
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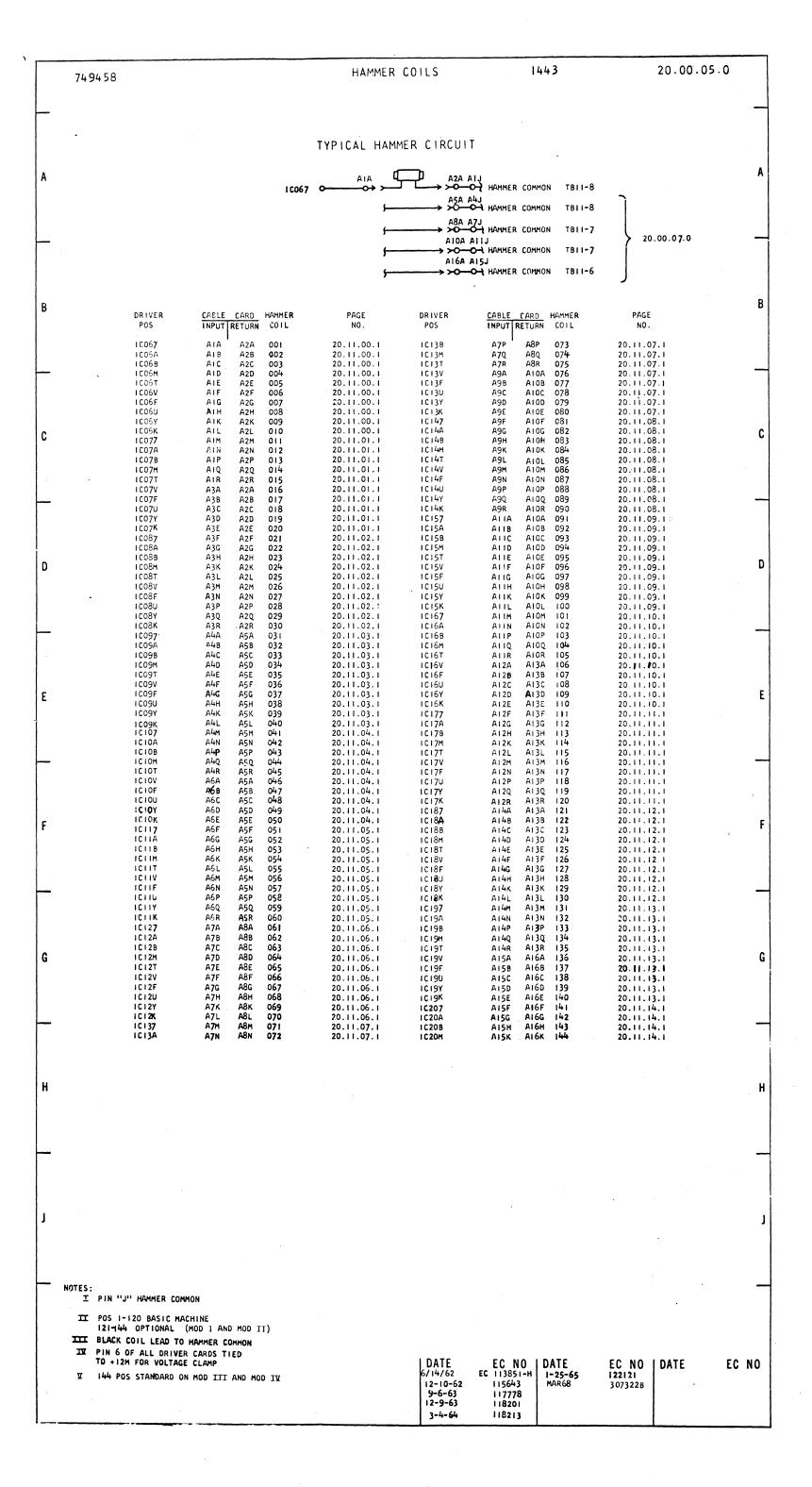
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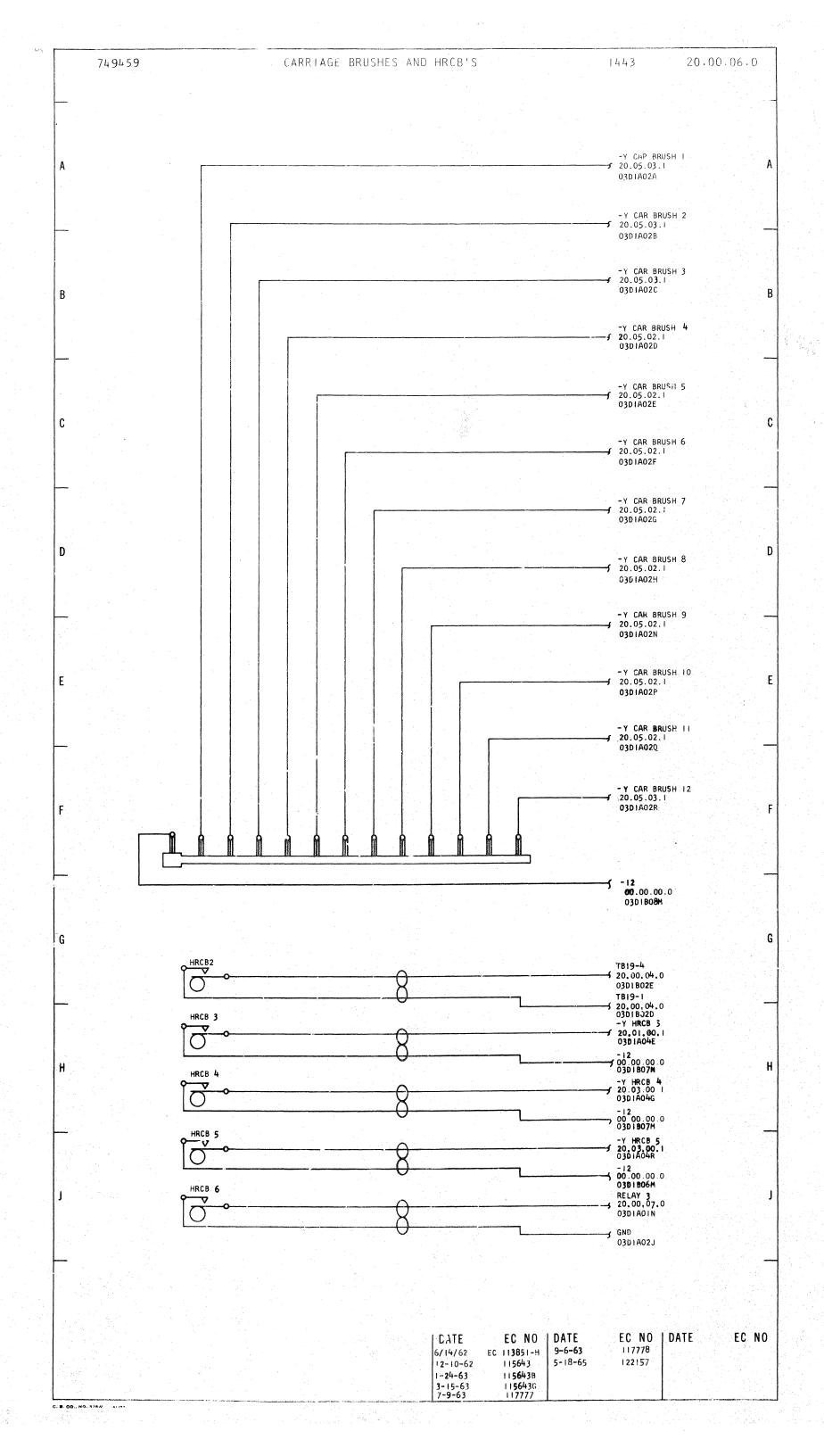
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		ED	GE CONNECTOR LIST	PAGE
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	DEE CONN.		SIGNAL NAME	DRAWINGS
	F12F		D REG B	20.00.00.2
	F126	_	TRL LTCH	20.00.00.2
	F12H	TB BR	AKE	20.00.00.2
	F12J			
500	F12K			
	F12L	RUN L	ATCH	20.00.00.2
	F12M.		1	
	F12N			
	F12P	HMR R	DY LTCH	20.00.00.2
100	F120	PRINT	LATCH	20.00.00.2
345	F12R	PR SC	AN 6T LTCH	20.00.00.2
27.	F13A	PR CT	RL LTCH	20.00.00.2
	F13B	TB CL	LŤ	20.00.00.2
	F13C	TB CL	RT	20.00.00.2
	F13D	PCC A	DV LTCH	20.00.00.2
	F13E	PCC R	ESET LTCH	20.00.00.2
	F13F	OPT T	B ADV LTCH	20.00.00.2
100	F136	CLK C	TRL TRIG	20.00.00.2
	F 13H	LINE	START	20.00.00.2
	F13J			
The second	F13K			
	F13L	LINE	STOP	20.00.00.2
	F13M			
	F13N			
1	F13P	TB HO	ME LT	20.00.00.2
100	F130	HMR R	ESTORE	20.00.00.2
	F13R	CARR	RDY	20.00.00.2

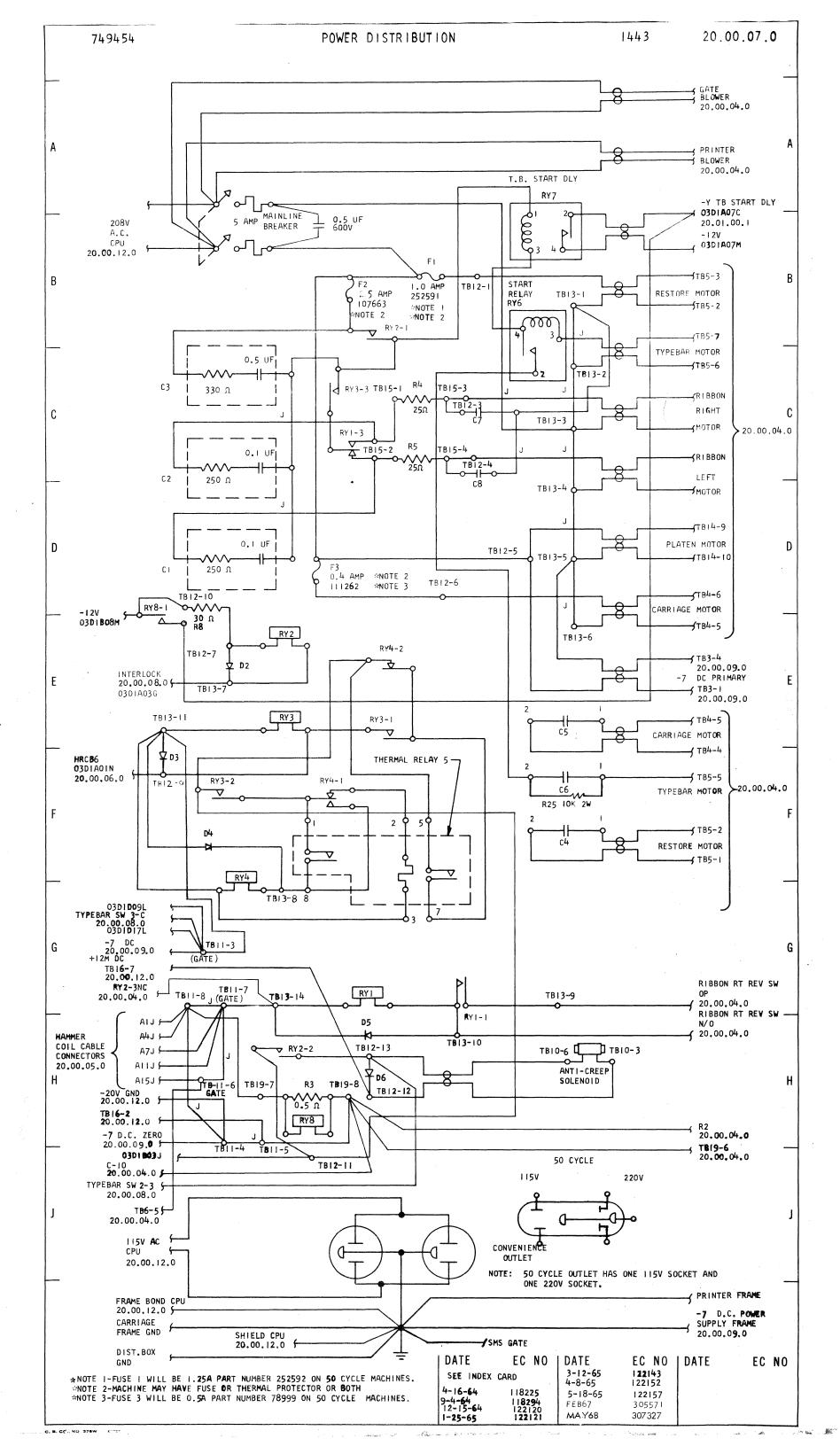
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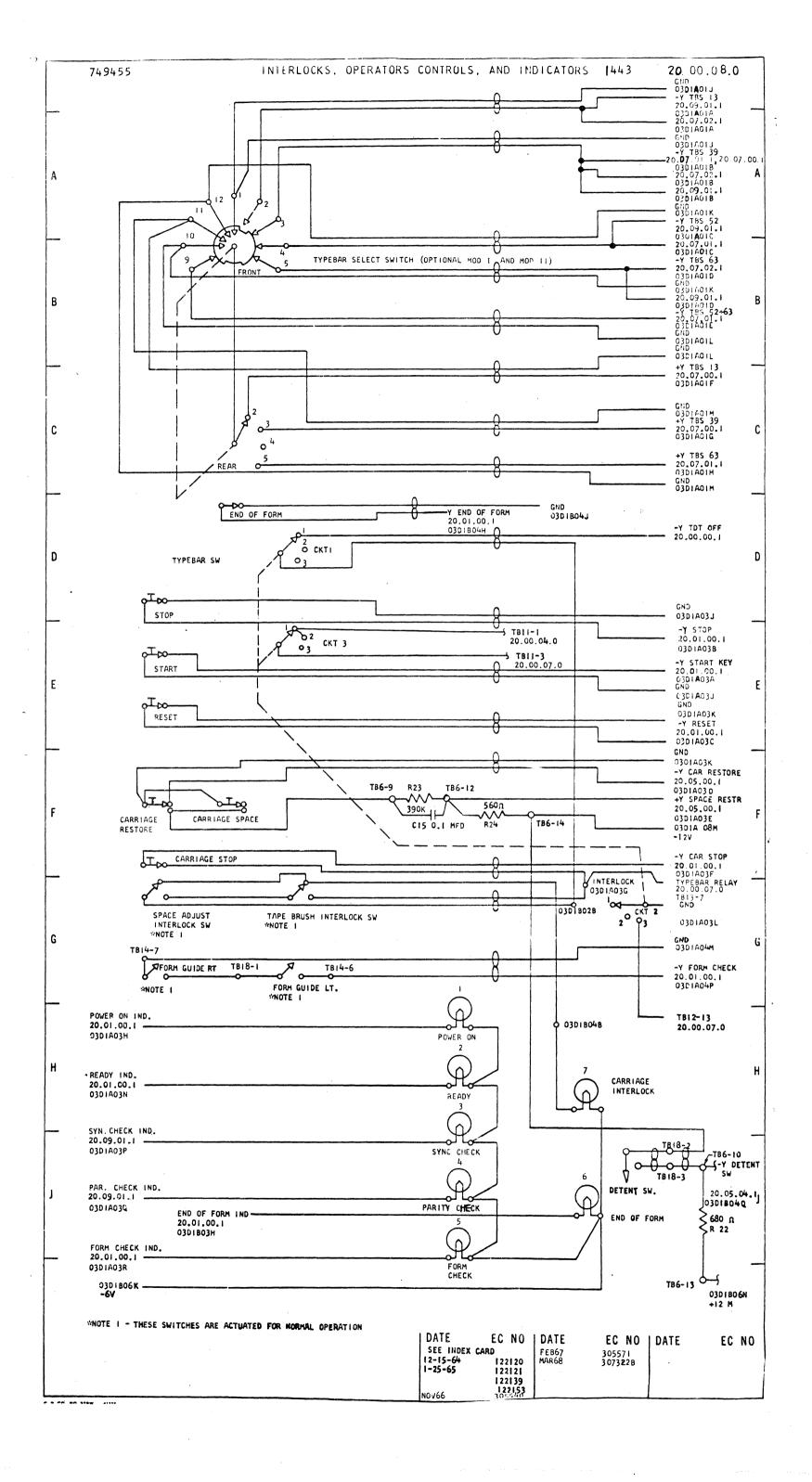


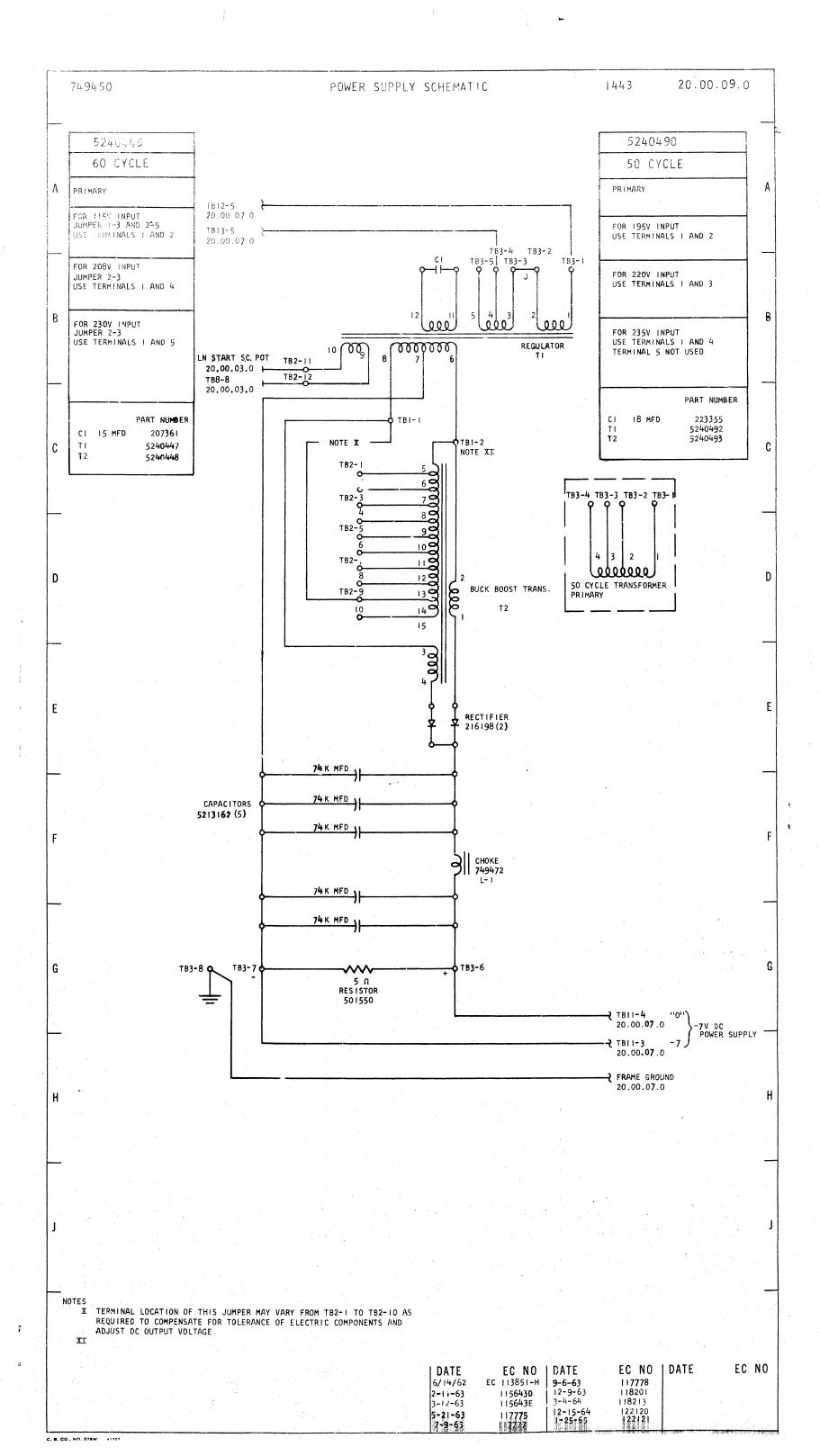












	736661	TERMINAL BLOCK AS	SIGNMENTS	1443 20.00.10.0
		LOCATION CHART		
	NUMBER TB I TB 2 TB 3 TB 4 TB 5	LOCATION -7 VOLT POWER SUPPLY -7 VOLT POWER SUPPLY -7 VOLT POWER SUPPLY CARRIAGE FRAME-REAR SUB-BASE RIGHT CENTER	NUMBER TB 1 TB 2 TB 3 TB 4 TB 5	LOCATION SMS GATE POWER DISTRIBUTION BOX POWER DISTRIBUTION BOX CARRIAGE FRAME-RIGHT VERTICAL POWER DISTRIBUTION BOX A
A	TB6 187 TB8 TB9 TB10	ELECTRICAL BASE NOT USED SOLAR CELL UNIT SOLAR CELL UNIT SOLAR CELL UNIT	TB 16 TB 17 TB 18 1B 19 TB 20	SMS GATE SOLAR CELL UNIT CARRIAGE FRAME-LEFT BOTTOM OF CABINET CARRIAGE BRAKE CONTROL
一		TERMINAL NUMBER A		LOCATION
	NUMBER TBI-I	<u>LOCATION</u> REGULATOR	NUMBER TB12-1	RESTORE MOTOR 208/230V AC COMMON SIDE
В	TB 1-2 TB 2-1 TB 2-2 TB 2-3 TB 2-4	REGULATOR BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER	TB 12-2 TB 12-3 TB 12-4 TB 12-5 TB 12-6 TB 12-7 TB 12-8	NOT USED RIBBON RIGHT MOTOR 208/230V AC COMMON SIDE RIBBON LEFT MOTOR 208/230V AC COMMON SIDE PLATEN MOTOR 208/230V AC COMMON SIDE CARRIAGE MOTOR 208/230V AC COMMON SIDE -12V TO RELAY 2 COIL -20V TO CLUTCHES-AND BRAKES
-	TB2-5 TB2-6 TB2-7 TB2-8 TB2-9 TB2-10 TB2-11 TB2-12	BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER BUCK-BOOST TRANSFORMER 2.2V AC 2.2V AC	TB12-9 TB12-10 TB12-11 TB12-12 TB12-13 TB12-14	HRCB 6 TYPEBAR STOP RELAY DC ZERO ANTI CREEP SOLENOID RETURN ANTI CREEP SOLENOID
C	TB3-1 TB3-2 TB3-3 TB3-4 TB3-5 TB3-6 TB3-7	208/230V AC JUMPERED FOR 208/230V JUMPERED FOR 208/230V 208V AC 230V AC DC ZERO -7V DC	TB13-1 TB13-2 TB13-3 TB13-4 TB13-5 TB13-6 1313-7 TB13-8	208/230V AC TO RESTORE MOTOR 208/230V AC TO TYPEBAR MCTOR 208/230V AC TO RIBBON LEFT MOTOR 208/230V AC TO RIBBON LEFT MOTOR 208/230V AC TO PLATEN MOTOR 208/230V AC TO CARRIAGE MOTOR TYPEBAR STOP RELAY RIBBON TIME DELAY CONTROL
D	TB38 TB4-1 TB4-2 TB4-3 TB4-4 TB4-5	FRAME GROUND CARRIAGE CLUTCH CARRIAGE BRAKE -7V TO CARRIAGE CLUTCH AND BRAKE 208/230V AC TO CARRIAGE MOTOR 208/230V AC TO CARRIAGE MOTOR	TB 13-9 TB 13-10 TB 13-11 TB 13-12 TB 13-13 TB 13-14 TB 14-1	RIBBON REVERSE CONTROL RIBBON REVERSE CONTROL -7V -20V NOT USED DC ZERO DC -7VPEBAR CLUTCH RIGHT
	TB4-6 TB4-7 TB4-8 TB5-1 TB5-2 TB5-3	208/230V AC TO CARRIAGE MOTOR CARRIAGE MOTOR FRAME NOT USED 208/230V AC TO RESTORE MOTOR 208/230V AC TO RESTORE MOTOR 208/230V AC TO RESTORE MOTOR	TB14-2 TB14-3 TB14-4 TB14-5 TB14-6 TB14-7 TB14-8	-20V - TYPEBAR CLUTCH LEFT TYPEBAR CLUTCH LEFT TYPEBAR BRAKE TYPEBAR CLUTCH RIGHT FORM GUIDE LEFT FORM GUIDE RIGHT -7V - TYPEBAR BRAKE
E	TB5-4 TB5-5 TB5-6 TB5-7 TB5-8	TYPEBAR AND RESTORE MOTOR FRAME 208/230V AC TO TYPEBAR MOTOR 208/230V AC TO TYPEBAR MOTOR 208/230V AC TO TYPEBAR MOTOR NOT USED TB CLUTCH LEFT	TB 4-9 TB 4-10 TB 5-1 TB 5-2 TB 5-3	208/230V AC TO PLATEN HOTOR 208/230V AC TO PLATEN HOTOR RIBBON MOTOR ARC SUPPRESS RIBBON MOTOR ARC SUPPRESS RIBBON MOTOR ARC SUPPRESS RIBBON MOTOR ARC SUPPRESS
-	TB6-2 TB6-3 TB6-4 TB6-5 TB6-6 TB6-7 TB6-8 TB6-9	NOT USED TB BRAKE -7V DC ZERO -20V NOT USED TB CLUTCH RIGHT NOT USED	TB15-4 TB16-1 TB16-2 TB16-3 TB16-4 TB16-5 TB16-5 TB16-7	RIBBON MOTOR ARC SUPPRESS NOT USED GROUND -12 VOLTS +12 VOLTS GROUND -6 VOLTS +12M VOLTS
F	TBG-10 TBG-11 TBG-12 TBG-13 TBG-14 TBG-15 TBG-16 TBG-17 TBG-18 TBG-19 TBG-20	CARRIAGE DETENT SW. N/O NOT USED +Y SPACE RESTR +12 M -6 YTO CARRIAGE DETENT SW. OP -20V NOT USED DC ZERO NOT USED NOT USED CARR DETENT	TB17-1 TB17-2 TB17-3 TB17-4 TB17-5 TB17-6 TB17-7 TB17-8	GROUND NOT USED NOT USED NOT USED NOT USED TYPEBAR READY SCLAR CELL RETURN TYPEBAR READY SOLAR CELL NOT USED NOT USED
	TB7-1 TB7-2 TB8-1	NOT USED NOT USED 2.2V AC TO SOLAR CELL BULBS	TB18-1 TB18-2 TB18-3	FORM GUIDE SWITCHES CARRIAGE DETENT SW. OP CARRIAGE DETENT SW. N/O
G	TB8-2 TB8-3 TB8-4 TB8-5 188-6 TB8-7 TB8-8	2.2V AC TO SOLAR CELL BULBS	T819-1 T819-2 T819-3 T819-4 T819-5 T819-6 T819-7 T819-8	HRCB2 -20V HAMMER RESTORE CLUTCH CLAMP HAMMER RESTORE CLUTCH CRANK INTERLOCK GND HAMMER MARGINAL CHECK HAMMER MARGINAL CHECK GND
-	TB9-1 TB9-2 TB9-3 TB9-4 TB9-5 TB9-6 TB9-7	TYPEBAR DIRECTION SOLAR CELL RETURN TYPEBAR DIRECTION SOLAR CELL LINE START SOLAR CELL RETURN LINE START SOLAR CELL LINE STOP SOLAR CELL RETURN LINE STOP SOLAR CELL HAMMER RESTORE SOLAR CELL RETURN	TB19-9 TB19-10 TB20-1 . TB20-2	HAMMER RESTORE BRAKE -20V CARRIAGE BRAKE CONTROL CARRIAGE BRAKE CONTROL RETURN
H 	TB9-8 TB10-1 TB10-2 TB10-3 TB10-4 TB10-5 TB10-6 TB10-7 TB10-8	HAMMER RESTORE SOLAR CELL PRINT TIMER LEFT RETURN PRINT TIMER LEFT ANTI CREEP SOLENOID PRINT TIMER REFERENCE RETURN PRINT TIMER REFERENCE ANTI CRESP SOLENOID RETURN PRINT TIMER RIGHT RETURN PRINT TIMER RIGHT		Н
J	TBII-1 TBII-2 TBII-3 TBII-4 TFII-5 TBII-6 TBII-7 TBII-8	-7V TO CLUTCHES AND BRAKES -20V -7V HAMMER MARGINAL CHECK AND -20V DC ZERO DC ZERO DC ZERO DC ZERO TO HAMMER COILS DC ZERO TO HAMMER COILS DC ZERO TO HAMMER COILS		
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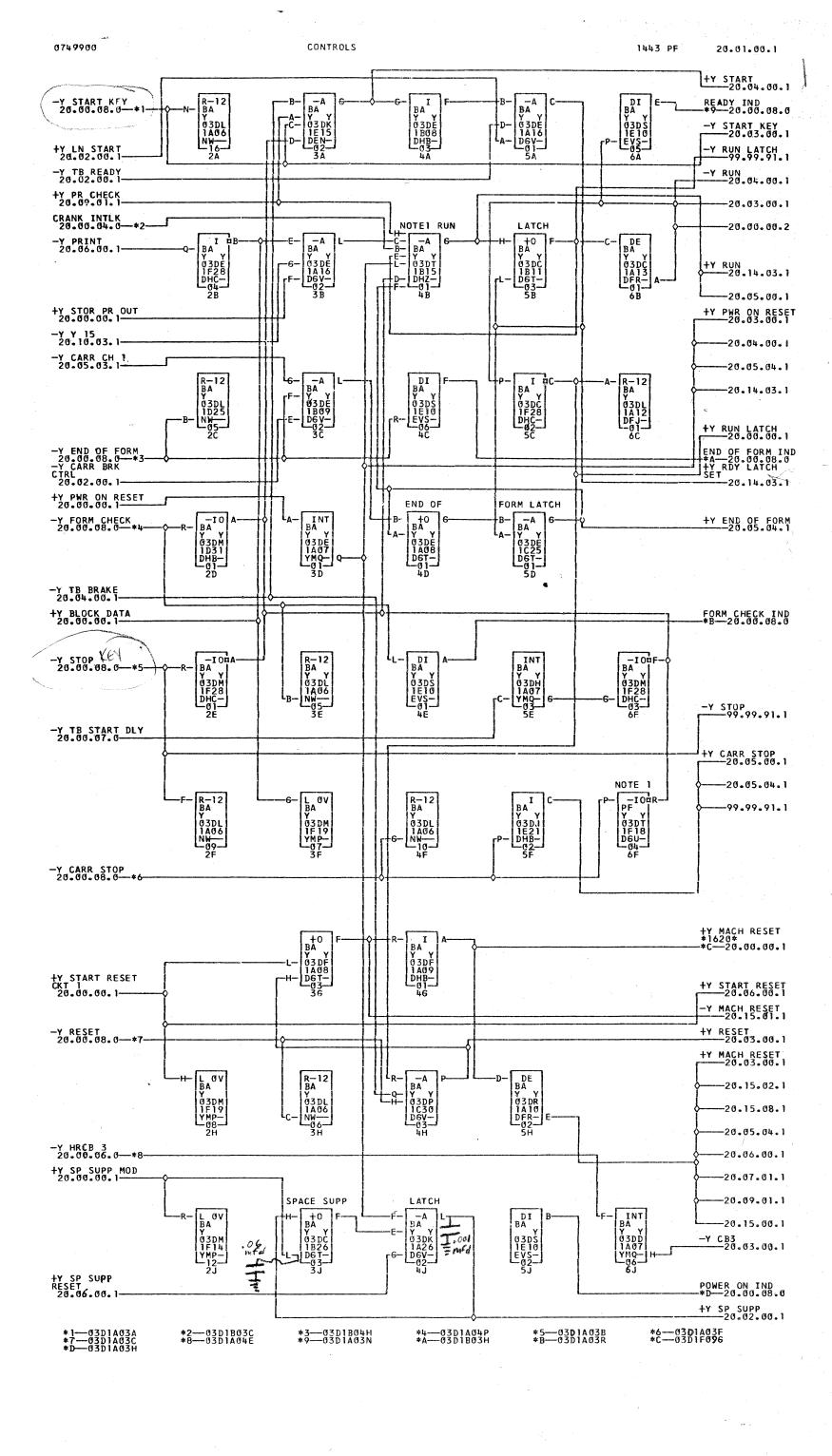
	736706	CE REFERENCE CHARTS	1443 20.00.11.0
	TYPEBAR	CHARACTER ARRANGEMENT	
	52 CHARACTER	ALPHANUMERIC-STANDARD	
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	TYPEBAR	FLAG AND SOLAR CELL ARRANGEMENT	
F		LINE START (SOLAR CELL)	• • • • • • • • • • • • • • • • • • •
1	TYPEBAR DIRECTION	LISOLAR CELL)	OLAD CELLA
_		HAMMER RESTORE (SI	
	TYPEBAR HOME L		TYPEBAR HOME RIGHT
G		TYPEBAR READY	(SOLAR CELL)
	DUESED AD	INTERCARD CONNECTIONS	
-	BUFFER-AD REGISTER 2 OUT OF	TRIGGERS SCM MEM 5 ON CODE E44 E45	
	DIGIT TR VALUE	OFF ON	
Н	0	ABC DE BCE AD	H
	3	BCD AE ACD BE	
	5	CDE AB BDE AC	
	6 7	ADE BC ACE BD	
	8 9	ABE CD ABD CE	19 19 19 19 19 19 19 19 19 19 19 19 19 1
		CARD SIDE	
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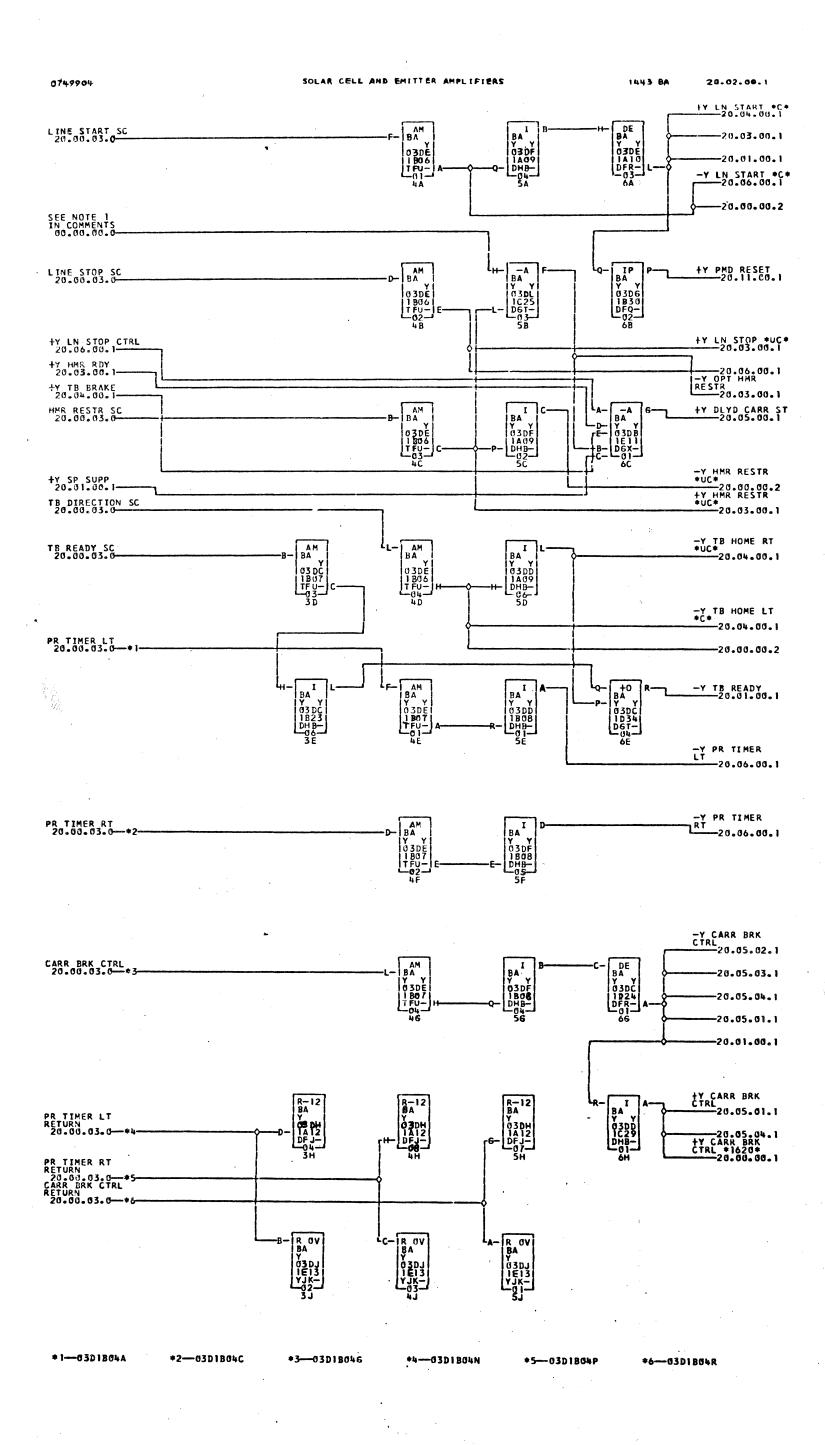
SEARCH SALE

C. B. CO., NO. 378W 41755

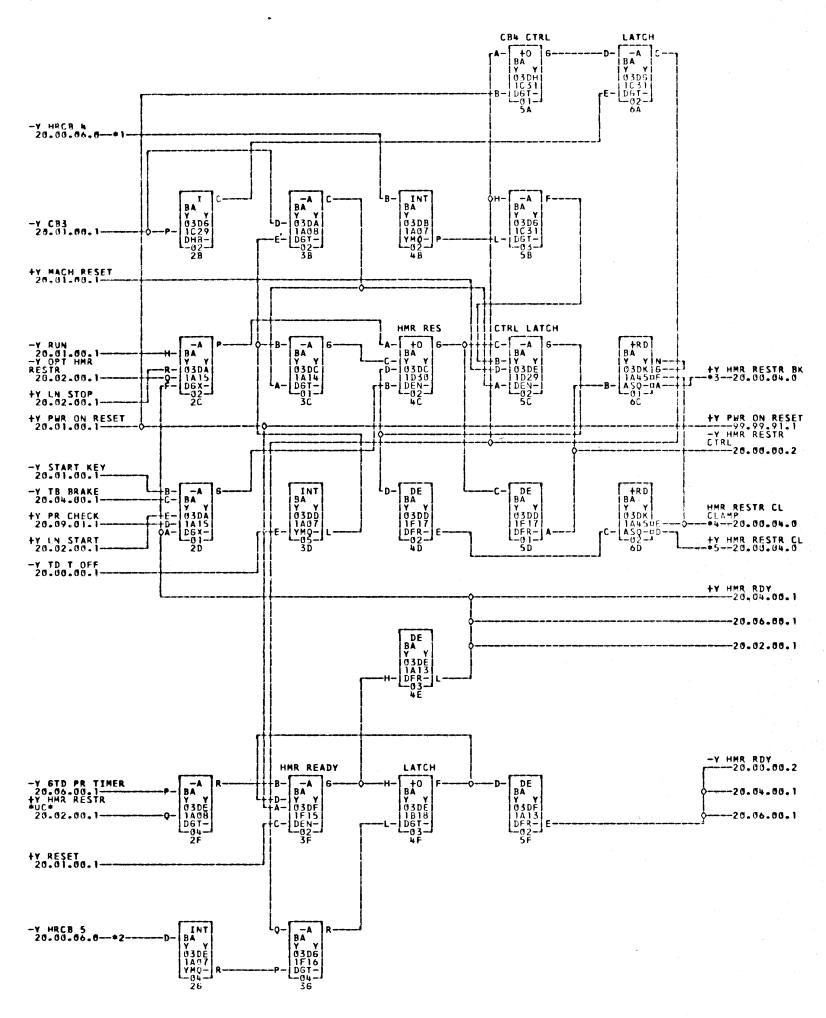
	736727			INTERCUNNECTIONS			1441 TO	00.12.0		
	The state of the s		<i>44</i> 3	1	TION FROM 1441		CABLE ASSEMB			
	A	20.00 20.00 20.00 20.00 20.00 20.00	07.0 97.0 07.0 07.0 07.0	TERMINAL CBI-PI-L CBI-P2-L BOND STUD TERM. CONV. OUTLET TERM. CONV. OUTLET TERM. CONV. OUTLET TERM. FRAME BOND STUD	208V AC (220V AC 208V AC (220V AC	CTION C W.T.) C W.T.) V. OUTLET UTLET W.T. OUTLET SHIELD	REF PAGE 38.11.22.0-J 38.11.22.0-G 38.11.51.0-E 38.11.51.0-H 38.11.51.0-H 38.11.51.0-F 38.11.51.0-H	TERMINAL TB5-5 TB5-7 TB5-4 TB5-2 TB5-3 TB5-1 BOND STUD(0184)		
				C POWER DISTRIBU	TION FROM 1441		CABLE ASSEMB	LY 725926		
	В	REF F		TERMINAL TB16-3 TB16-2 TB16-6	-12\	CTION V DC (-12V) DC	REF PAGE 38.11.43.0-0 38.11.43.0-E	TERMINAL TB5-17 TB5-16 TB5-15		
		20.00	07.0	TB16-5 TB16-7 TB16-8 TB16-4 TB16-8	GND +121 GND +121	(-6V) H DC (+12M) V DC (+12V)	38.11.43.0-E 38.11.43.0-F 38.11.43.0-F 38.11.43.0-G 38.11.43.0-G 38.11.43.0-G	TB5-14 TB5-13 TB5-12 TB5-11 TB5-12		
	C	20.00 20.00	04.0 07.0	TB11-2 TB11-4	-20\	V DC (-20V)	38.11.43.0-A 38.11.43.0-B	TB5-10 TB5-9		
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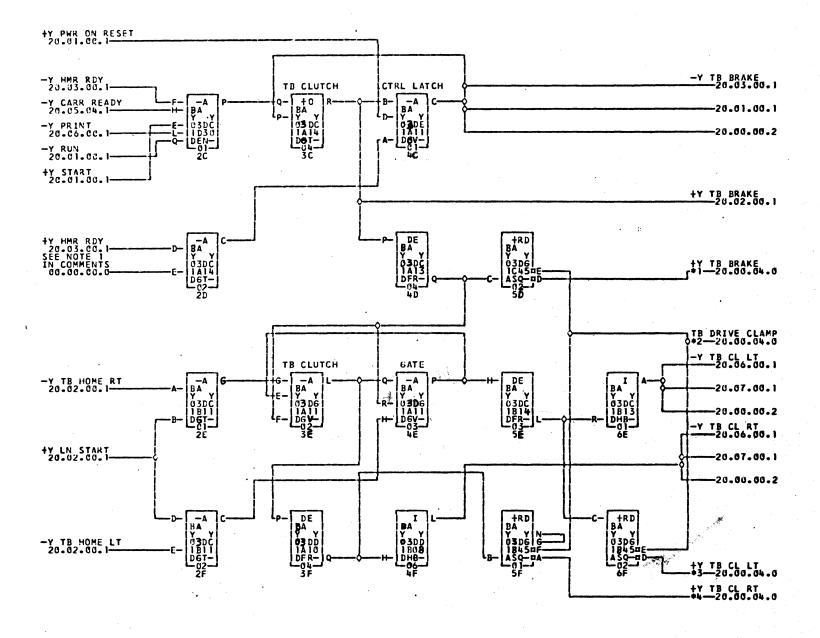
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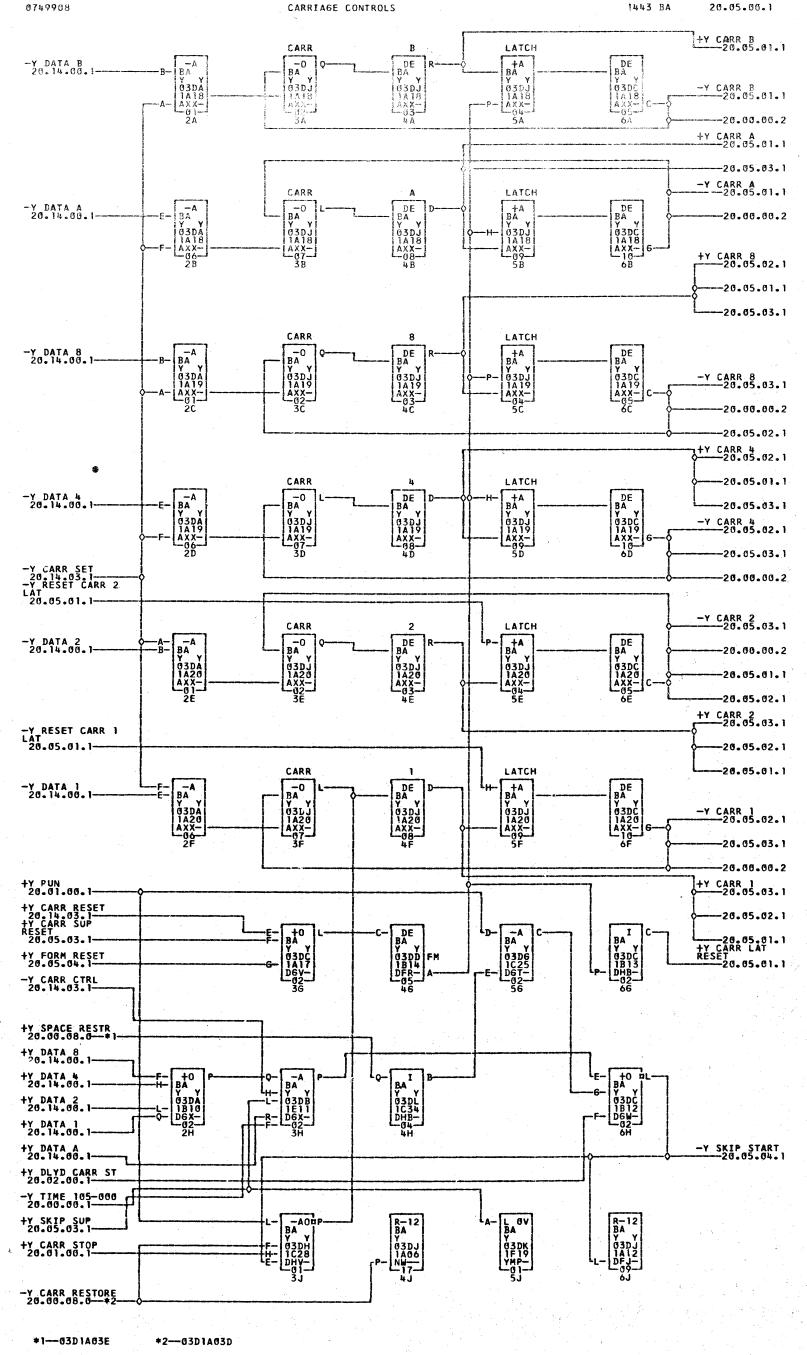
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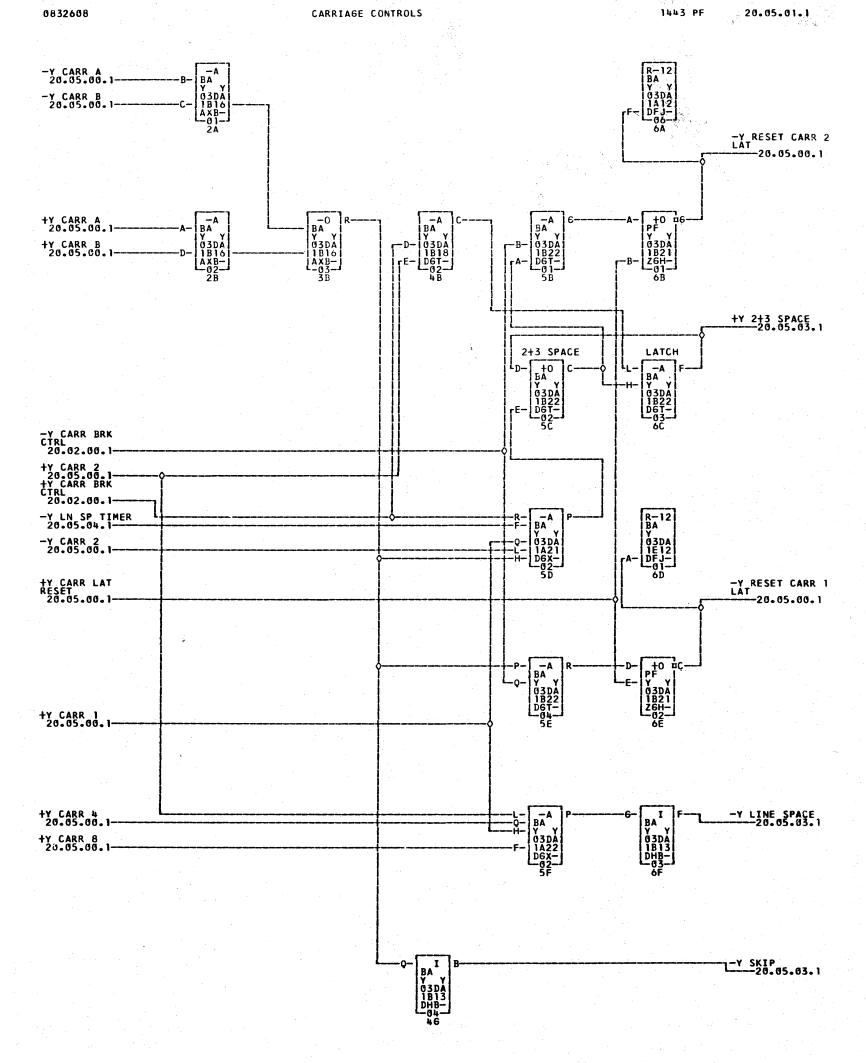
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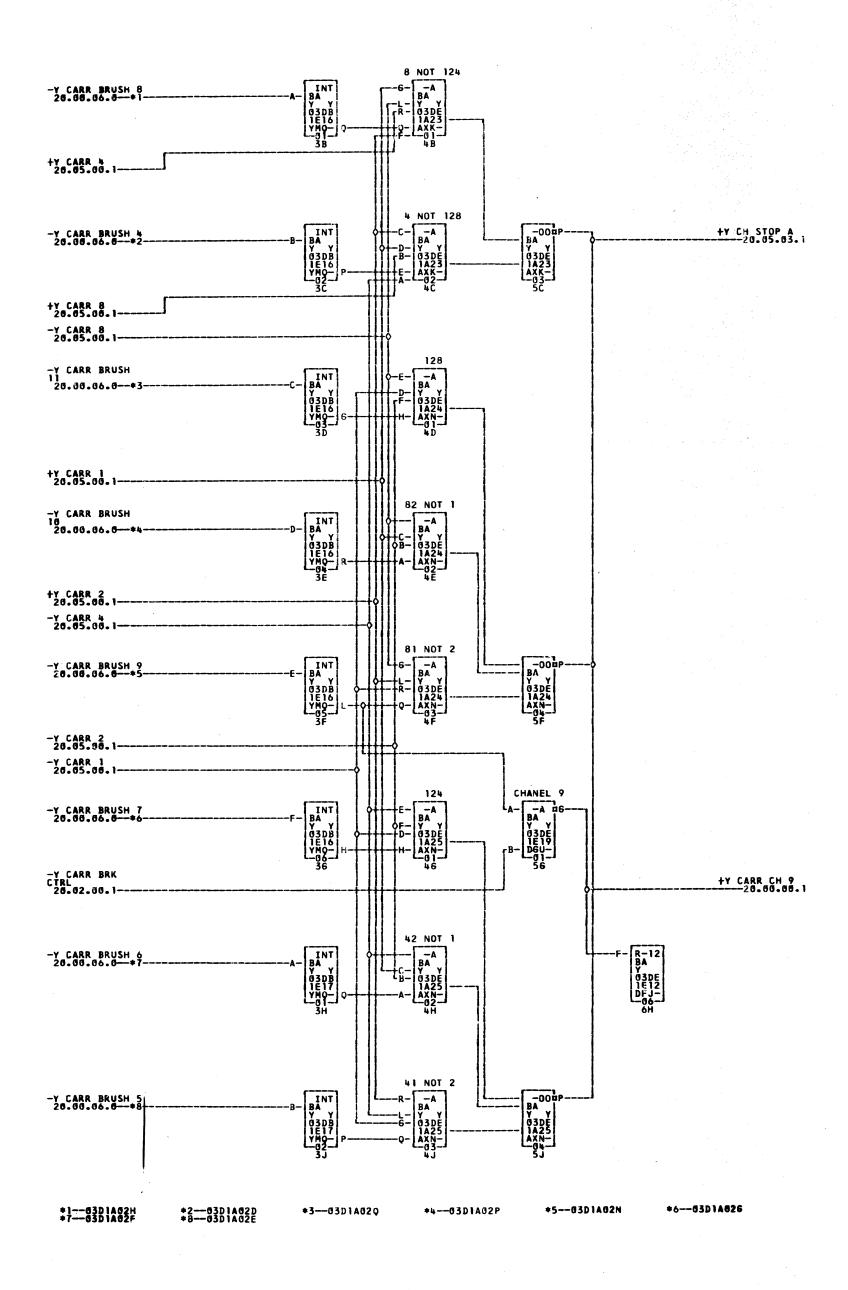
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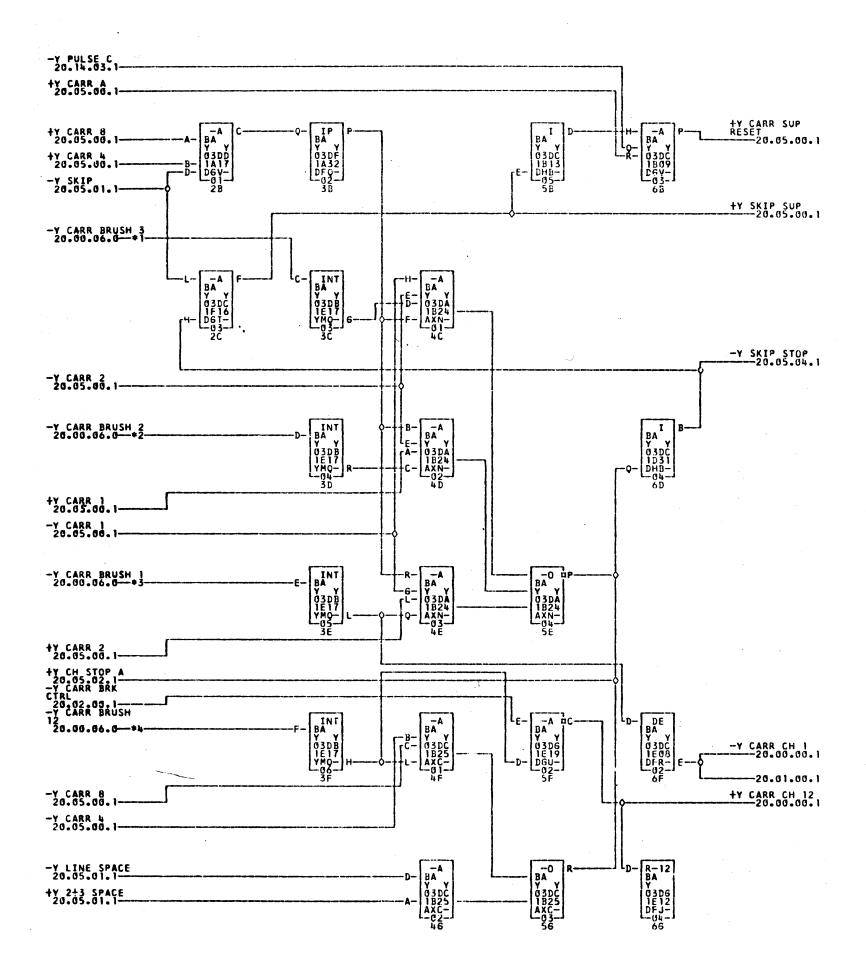




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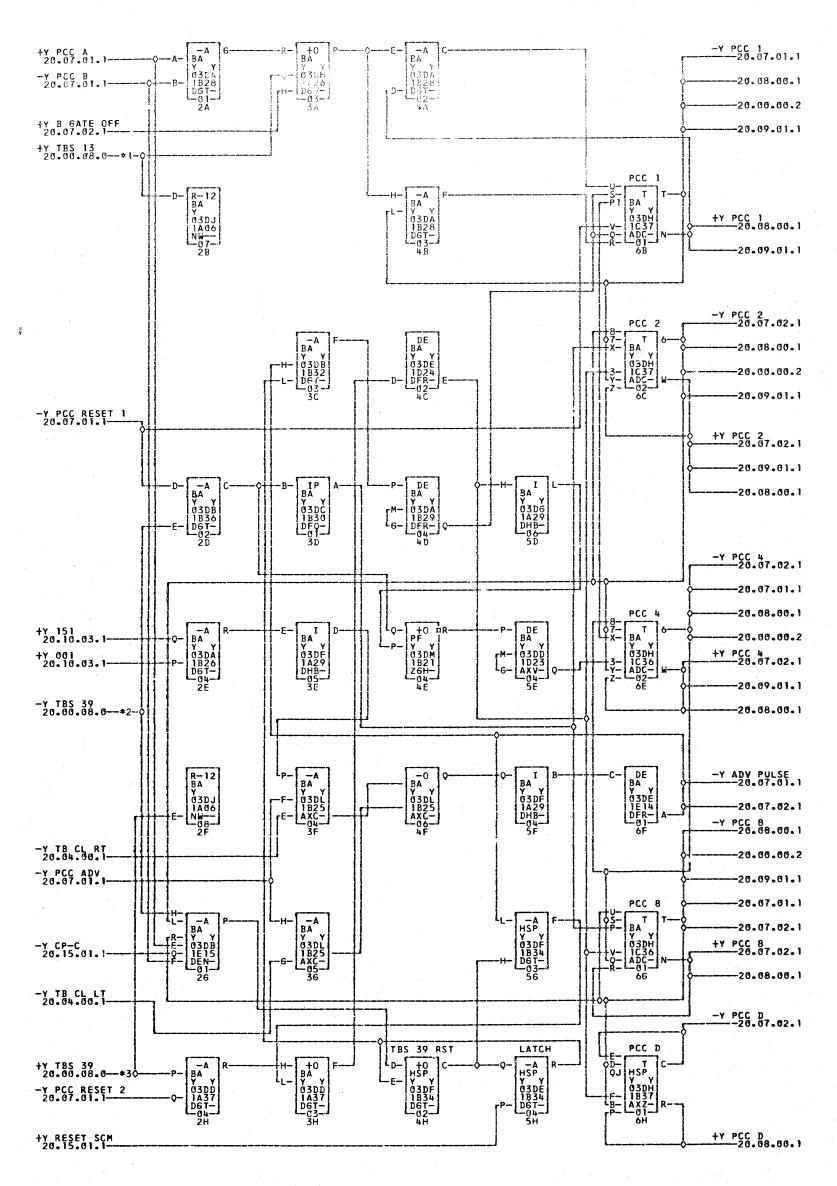
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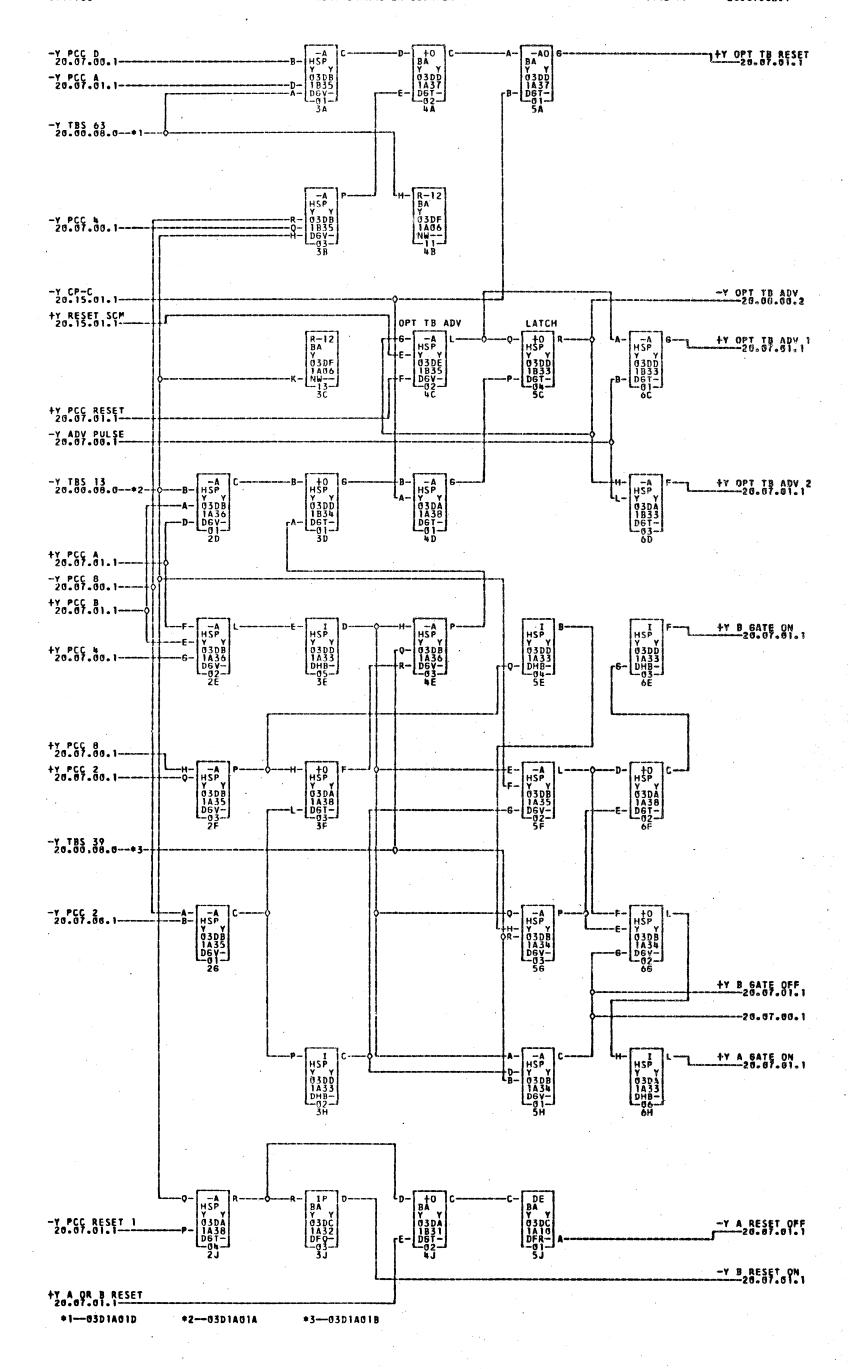
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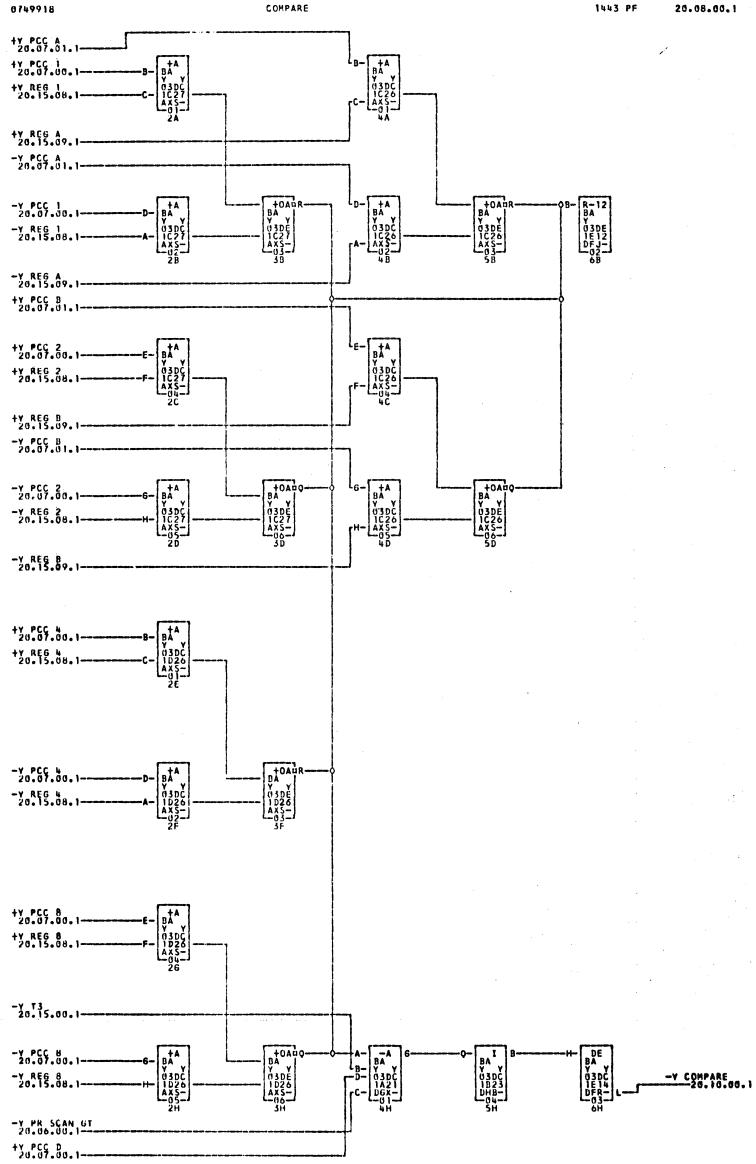


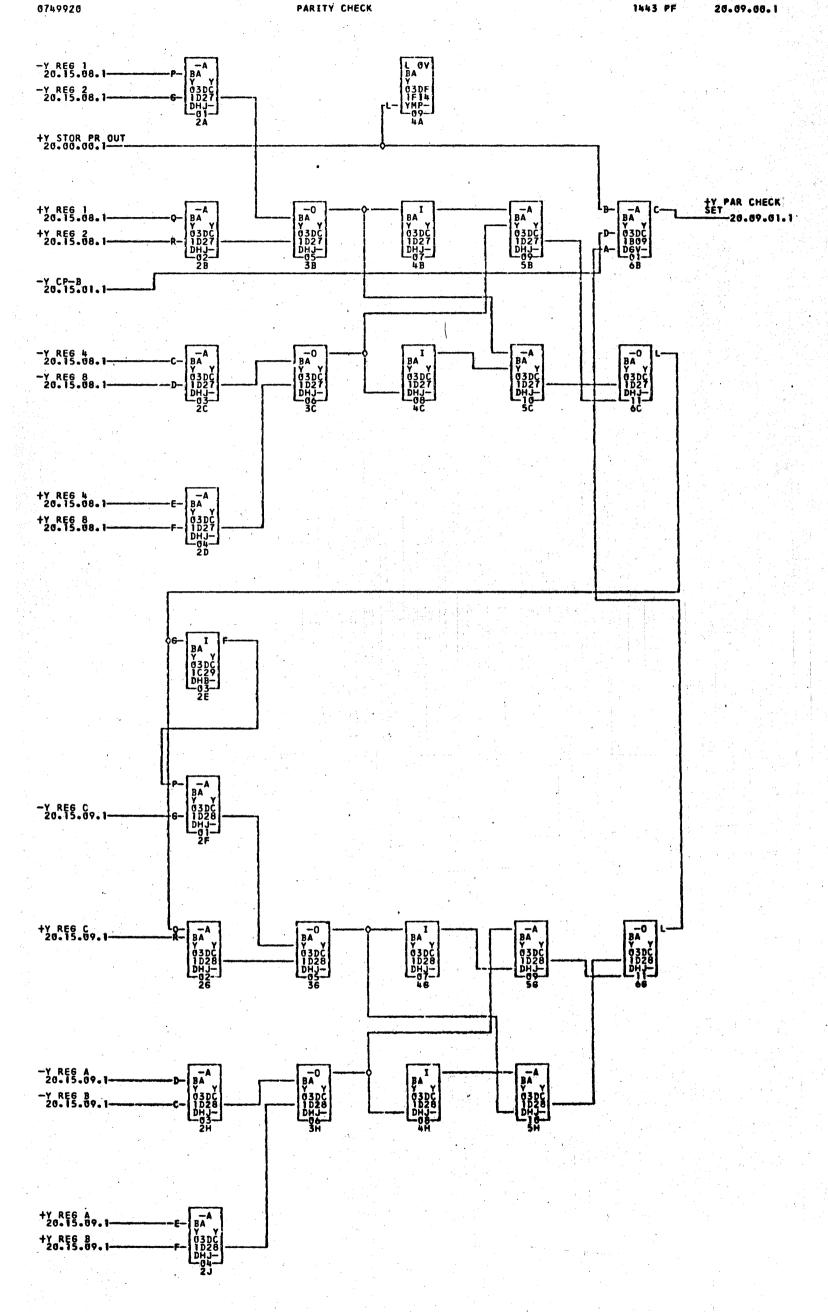
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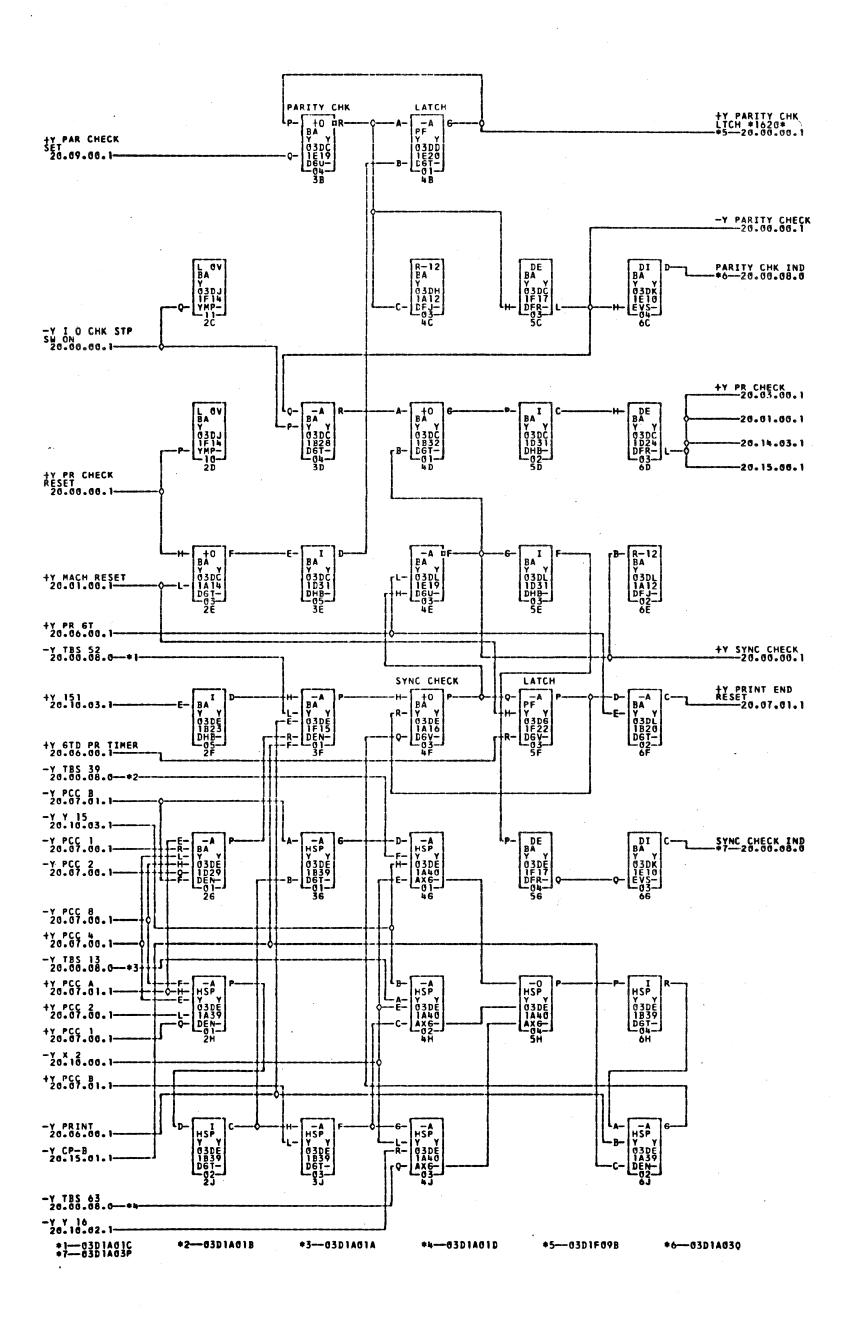
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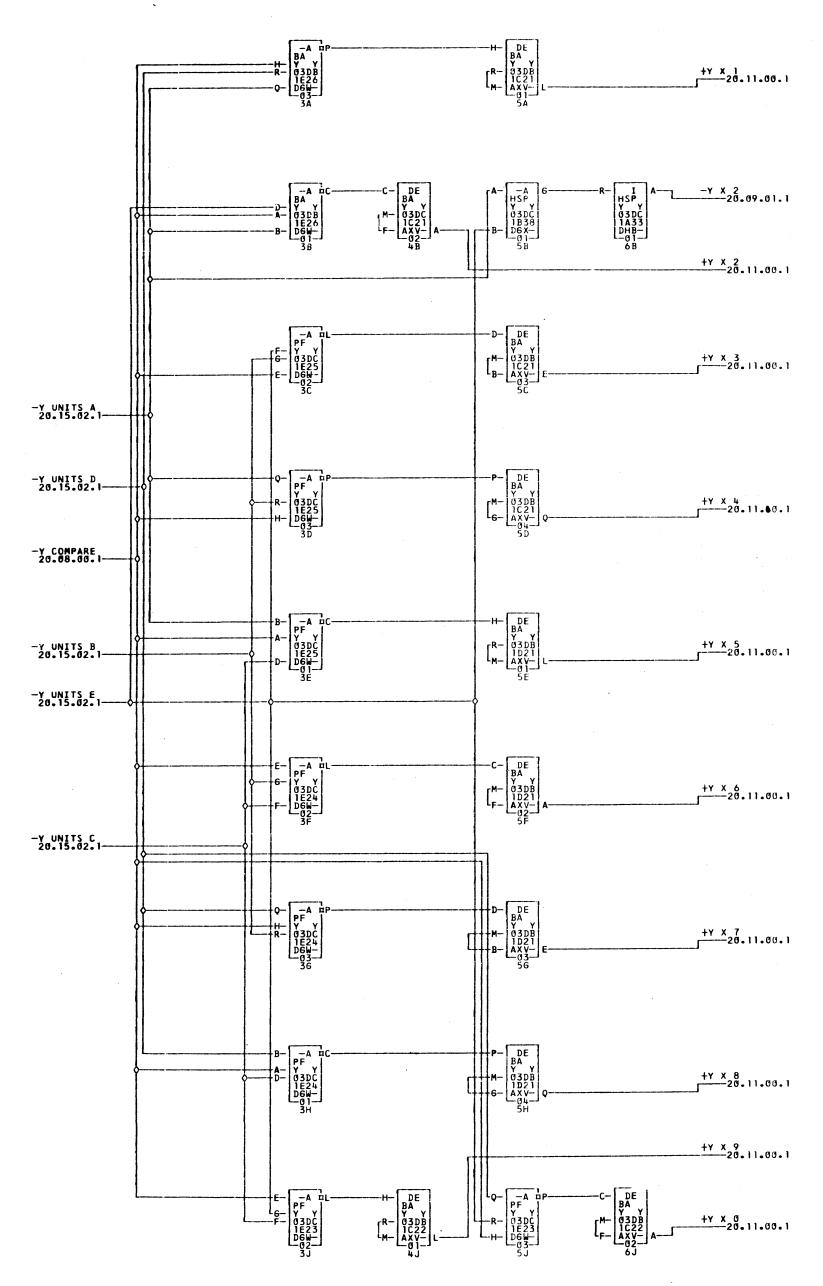


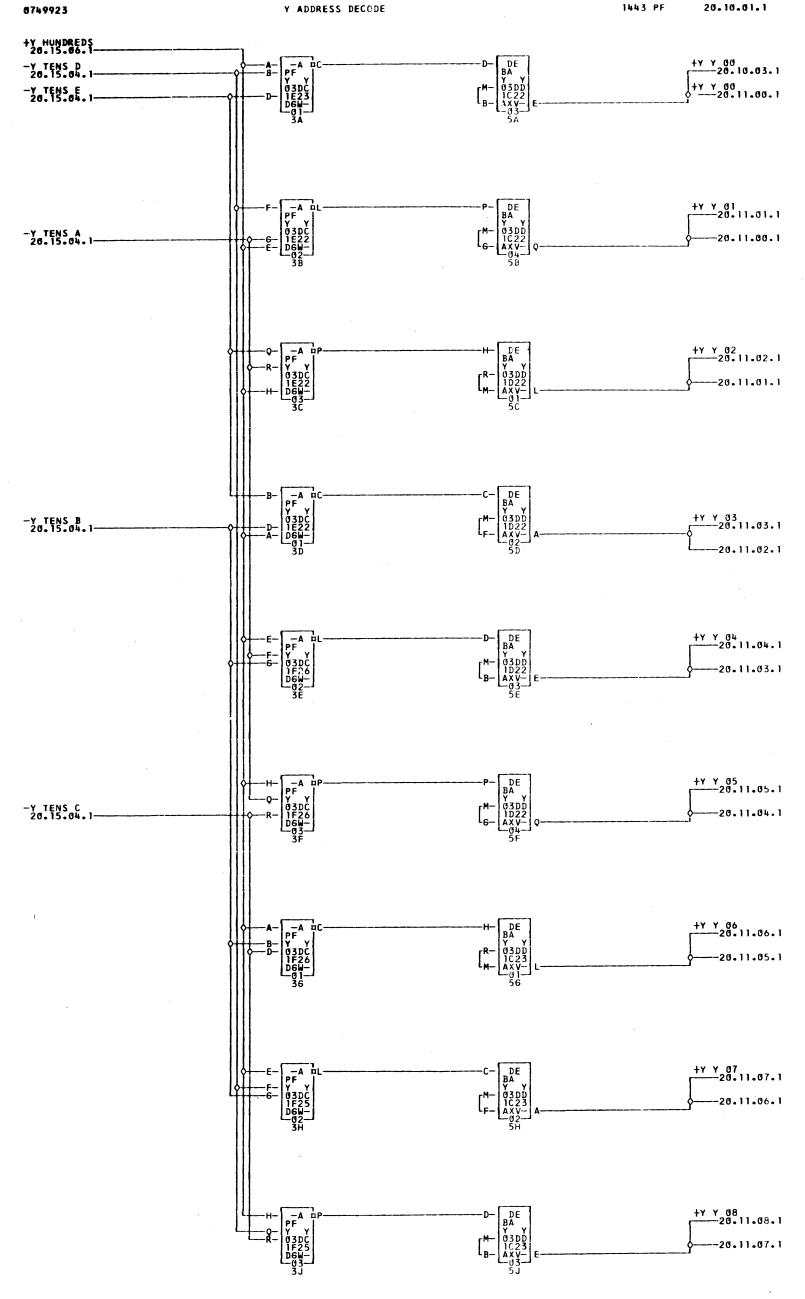


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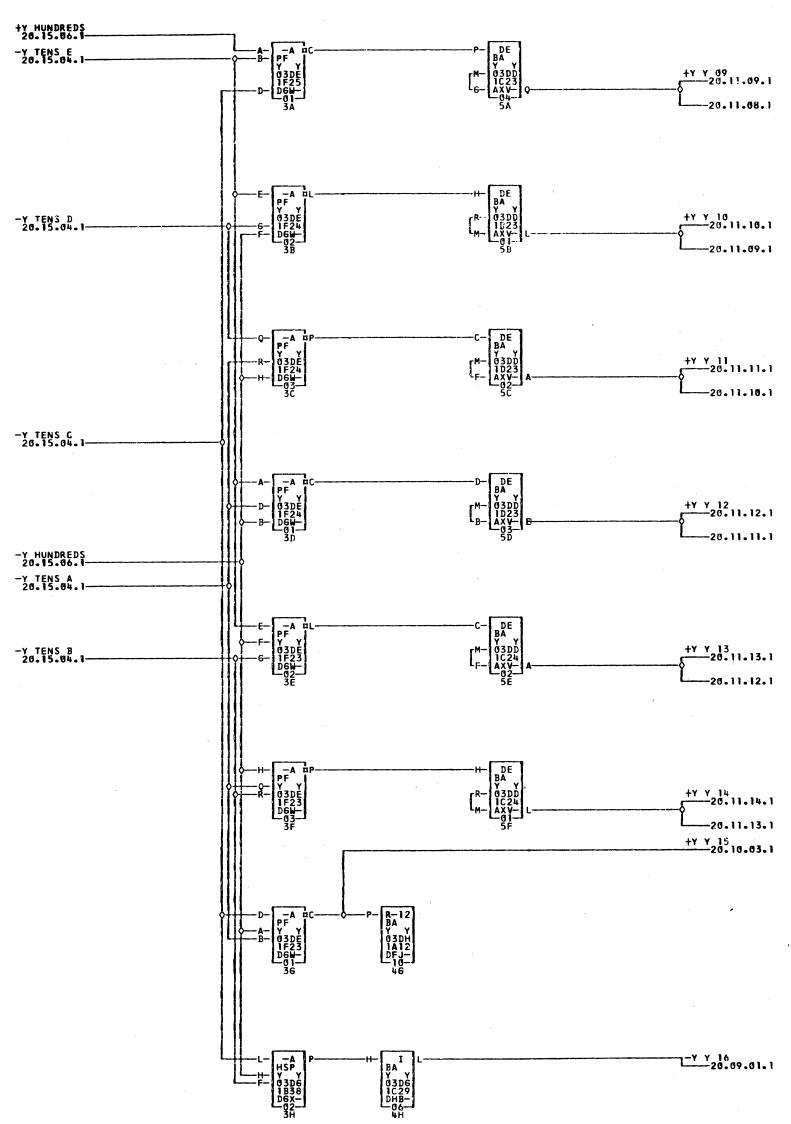


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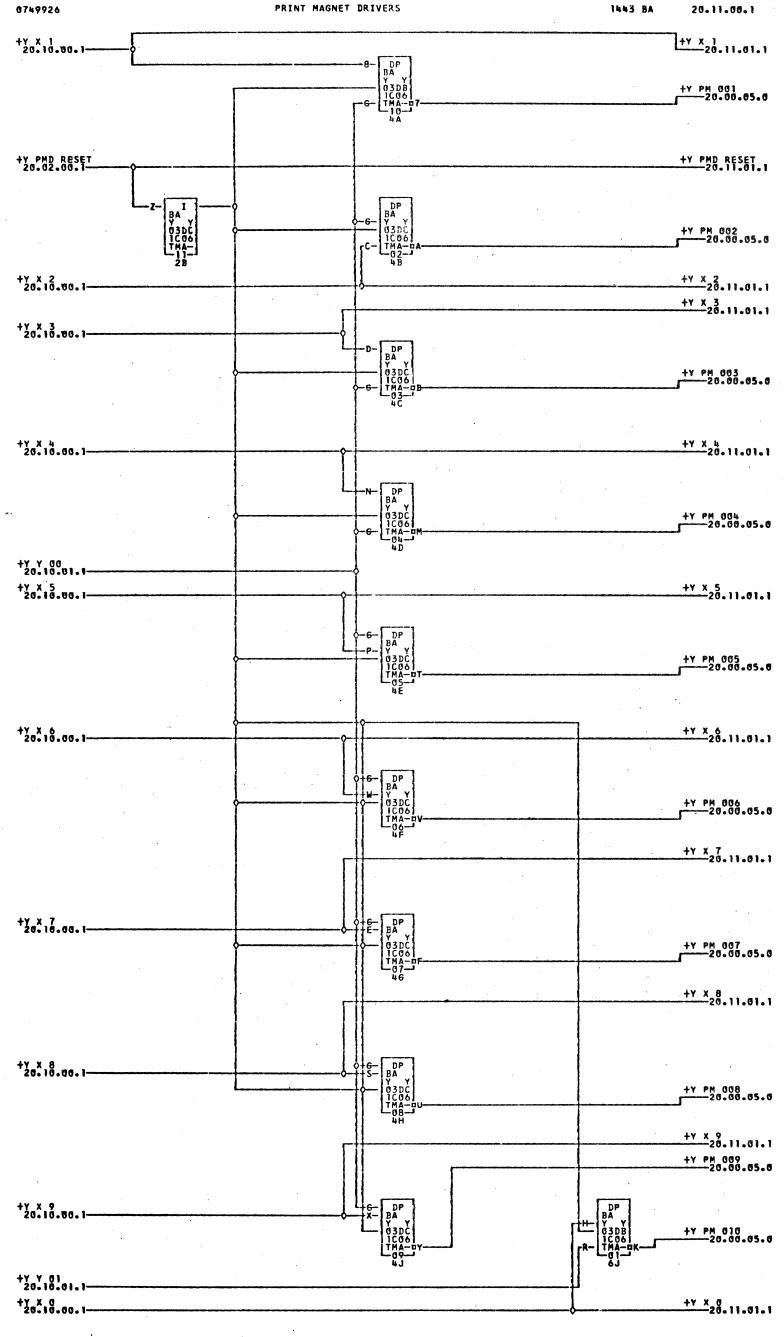


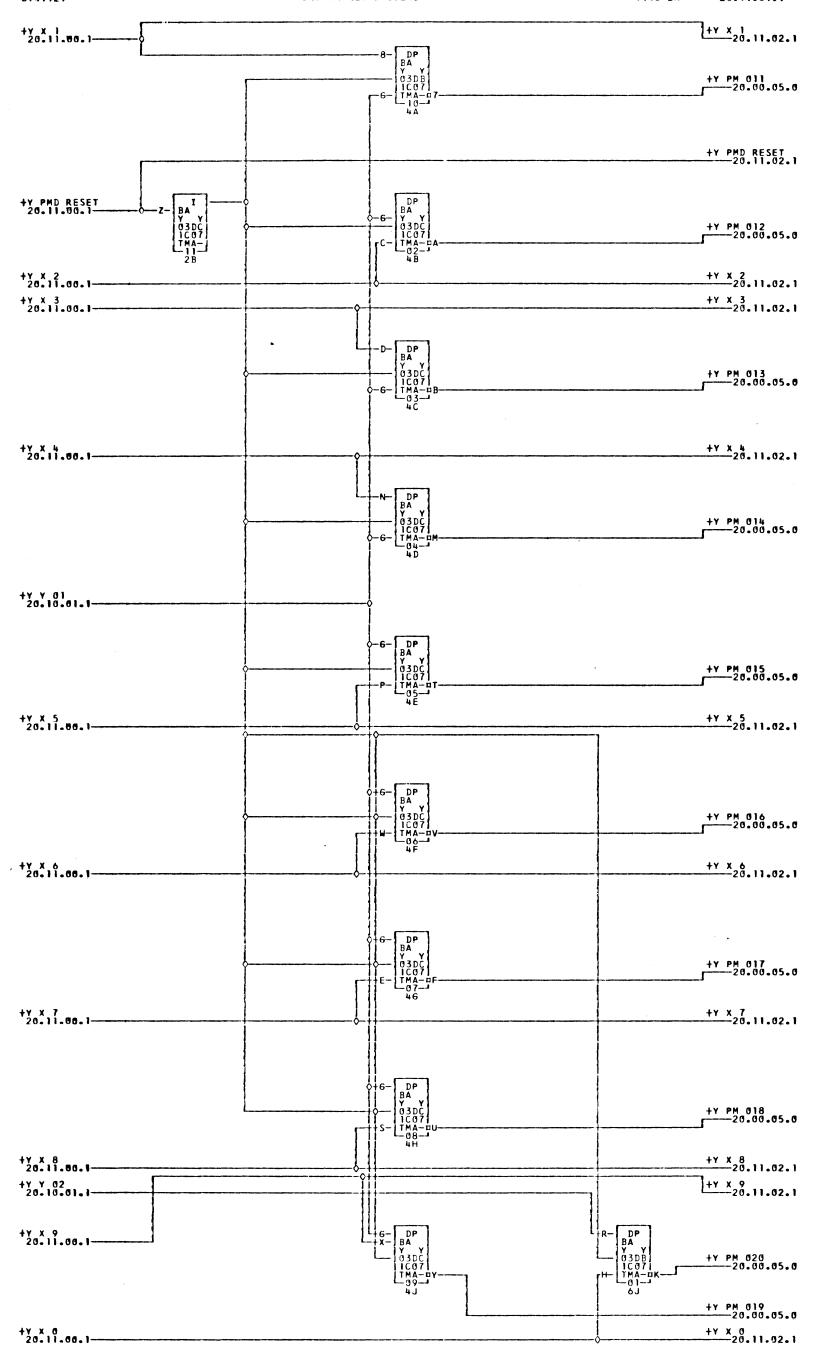


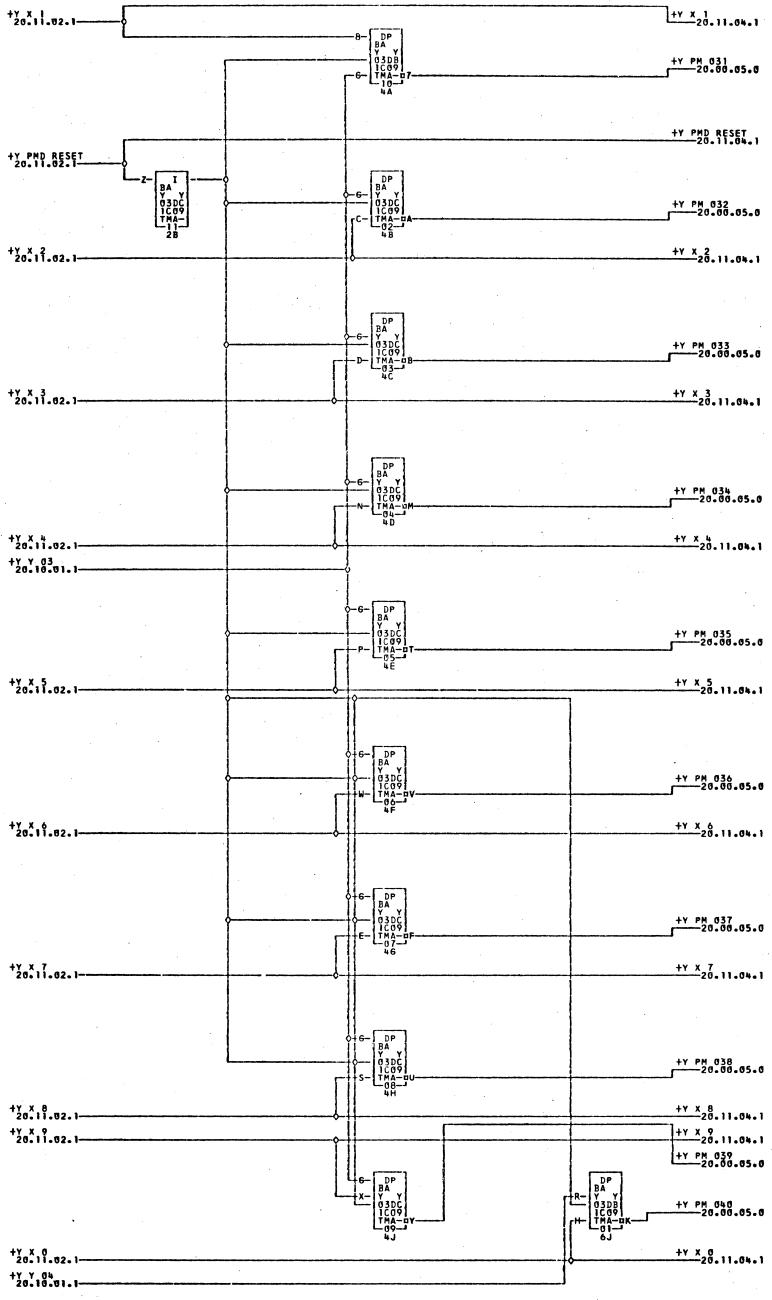
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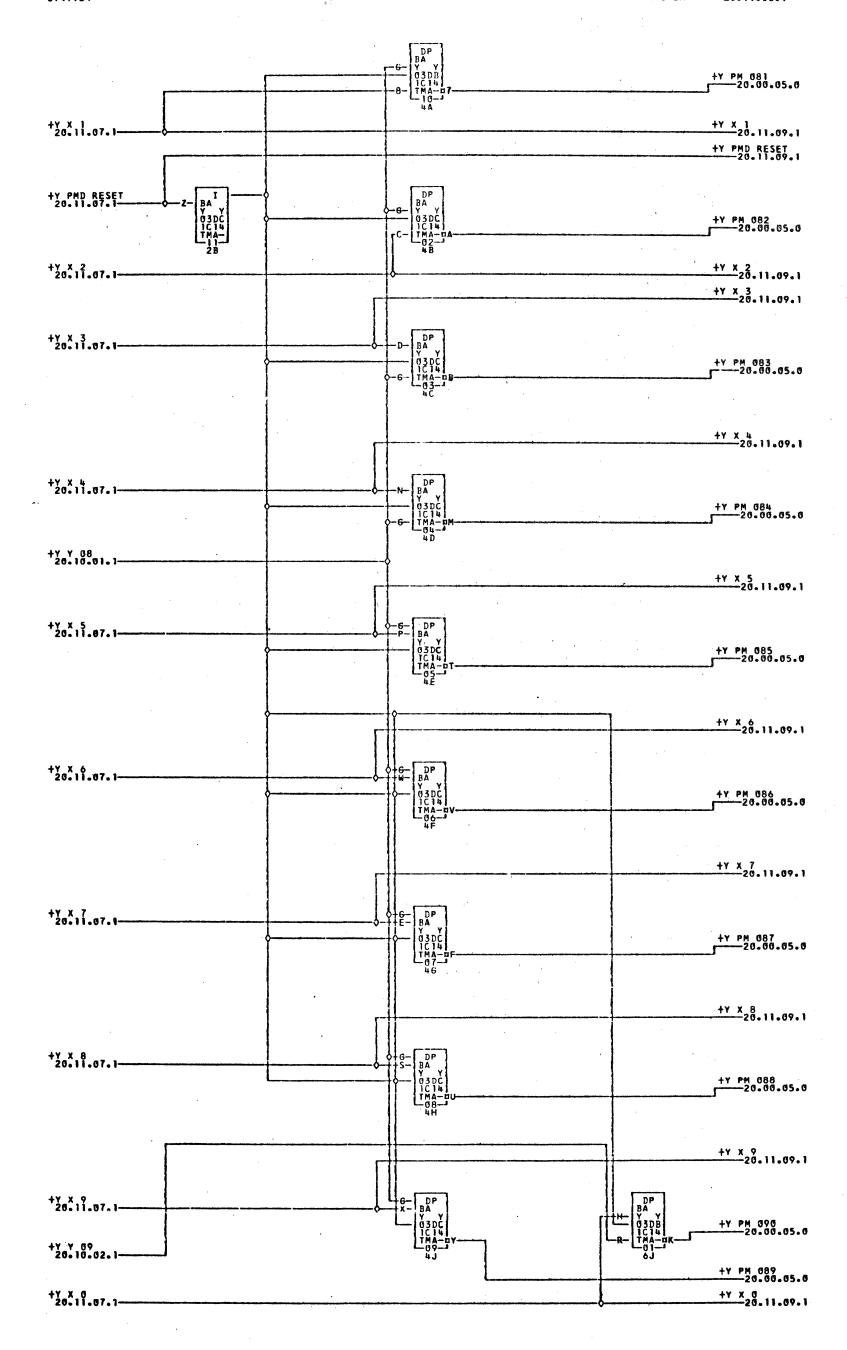
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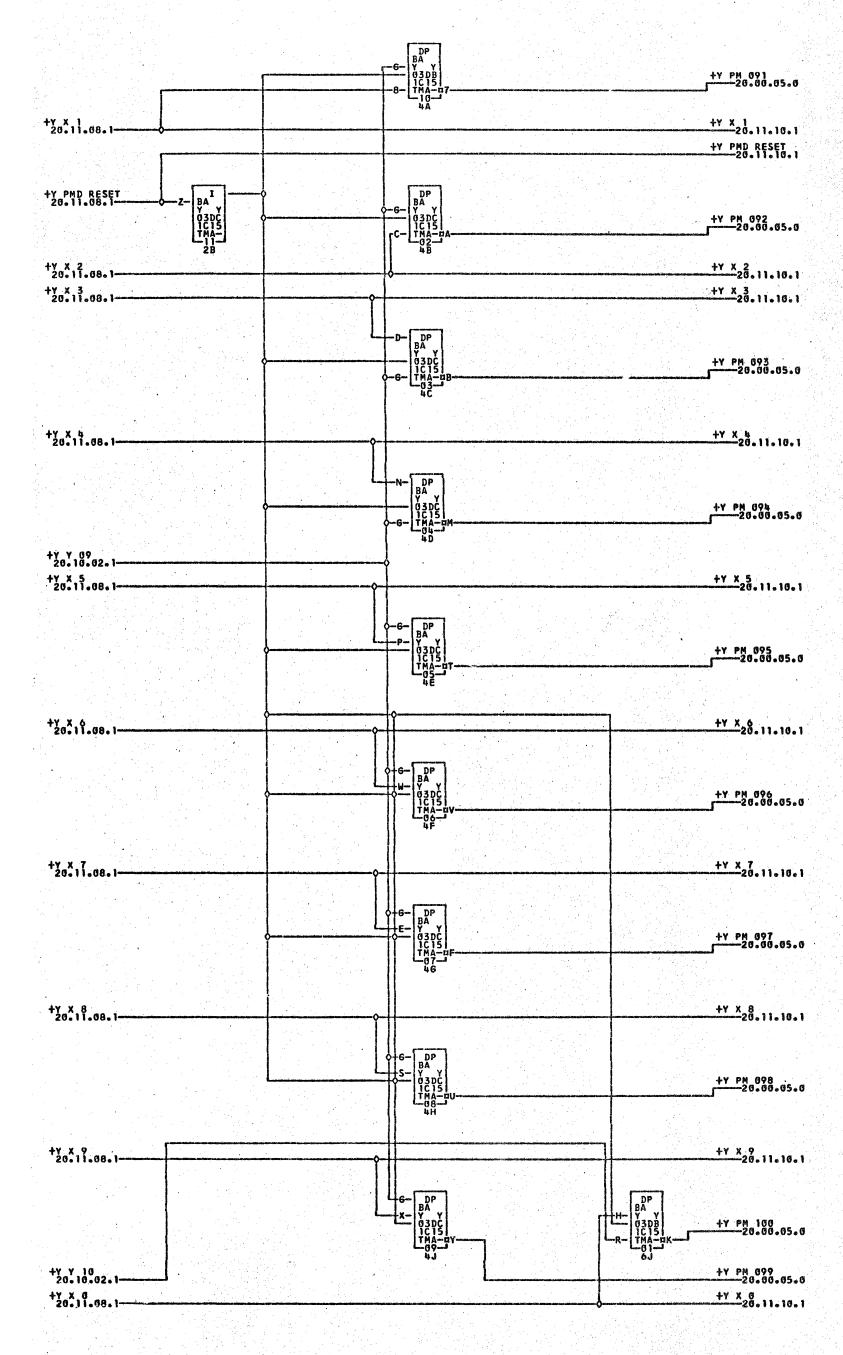
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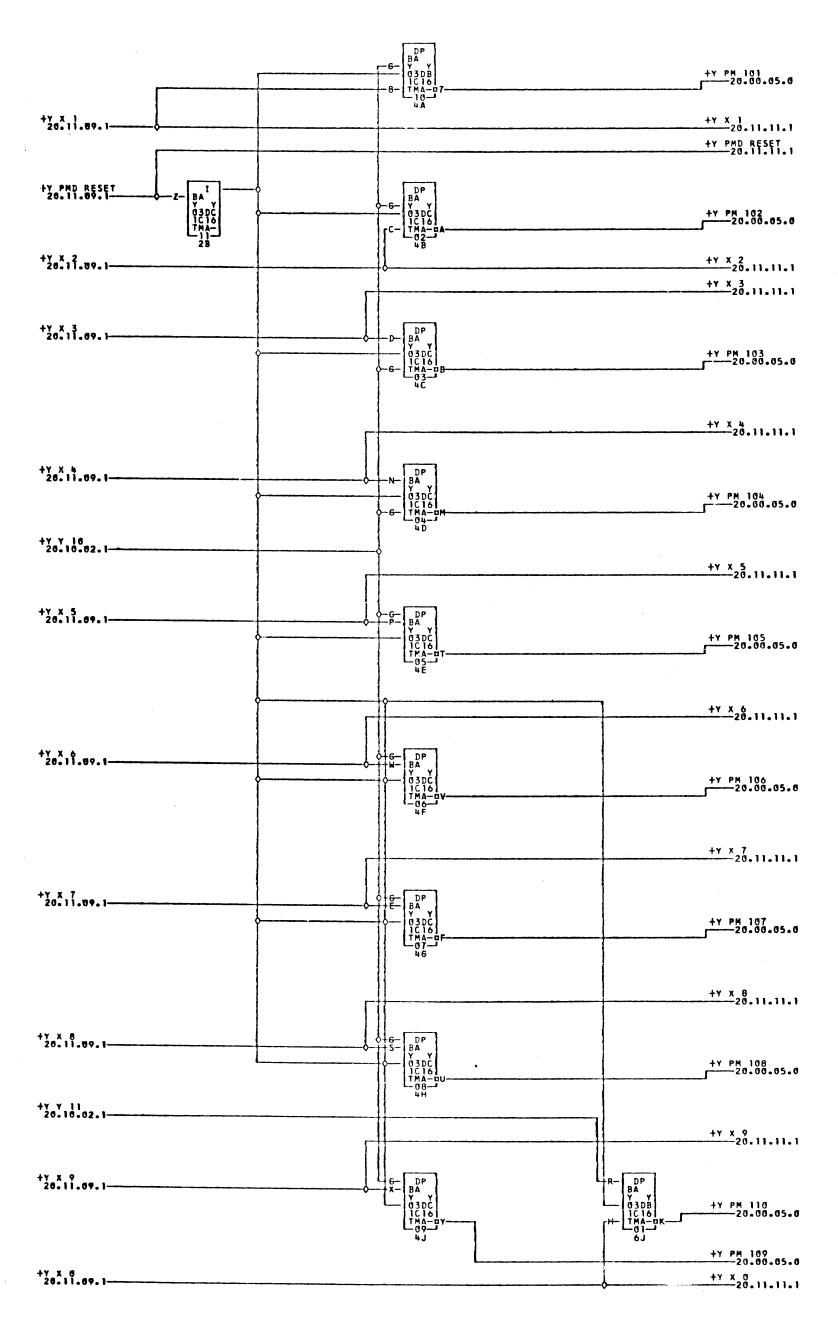
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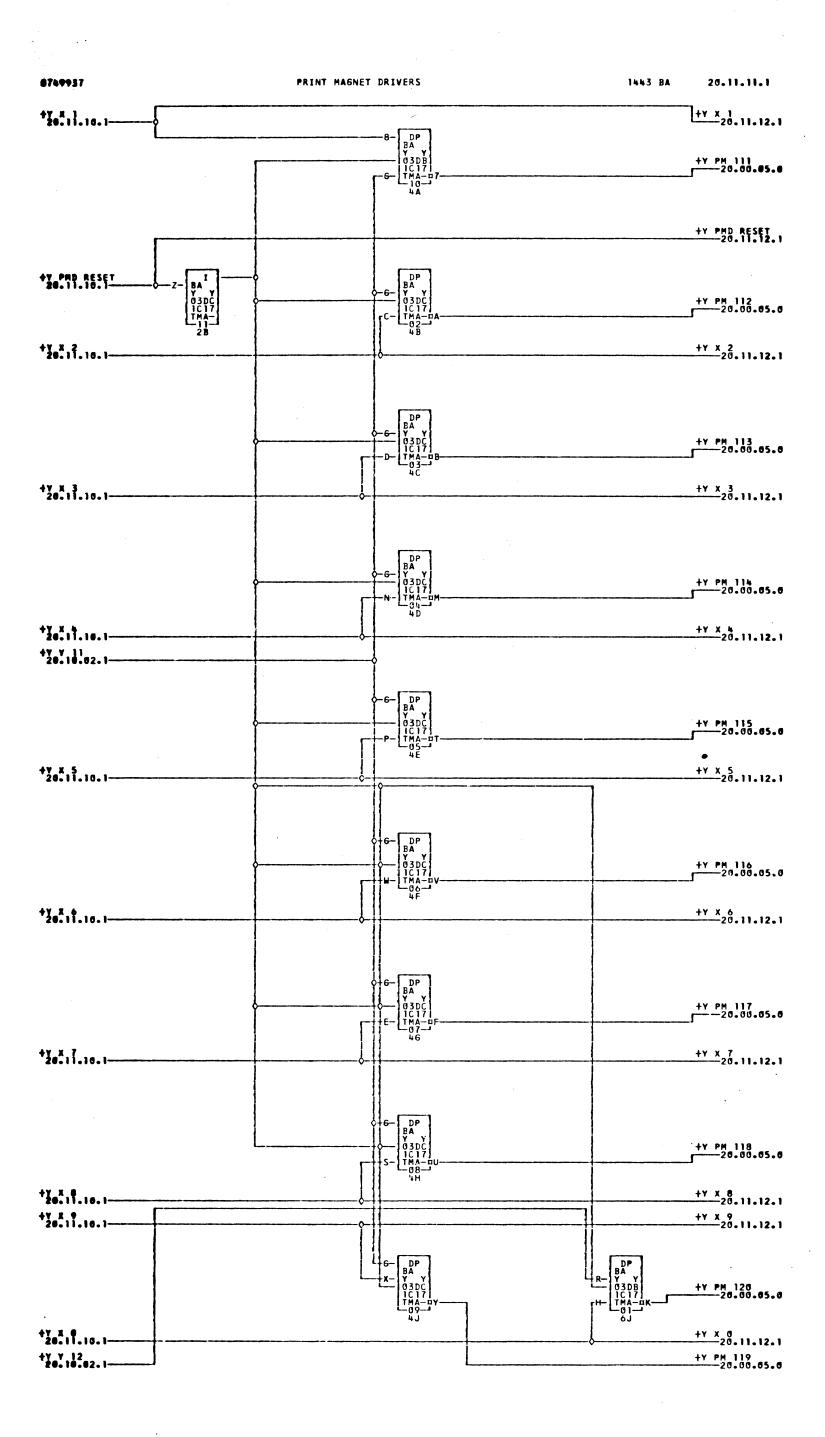


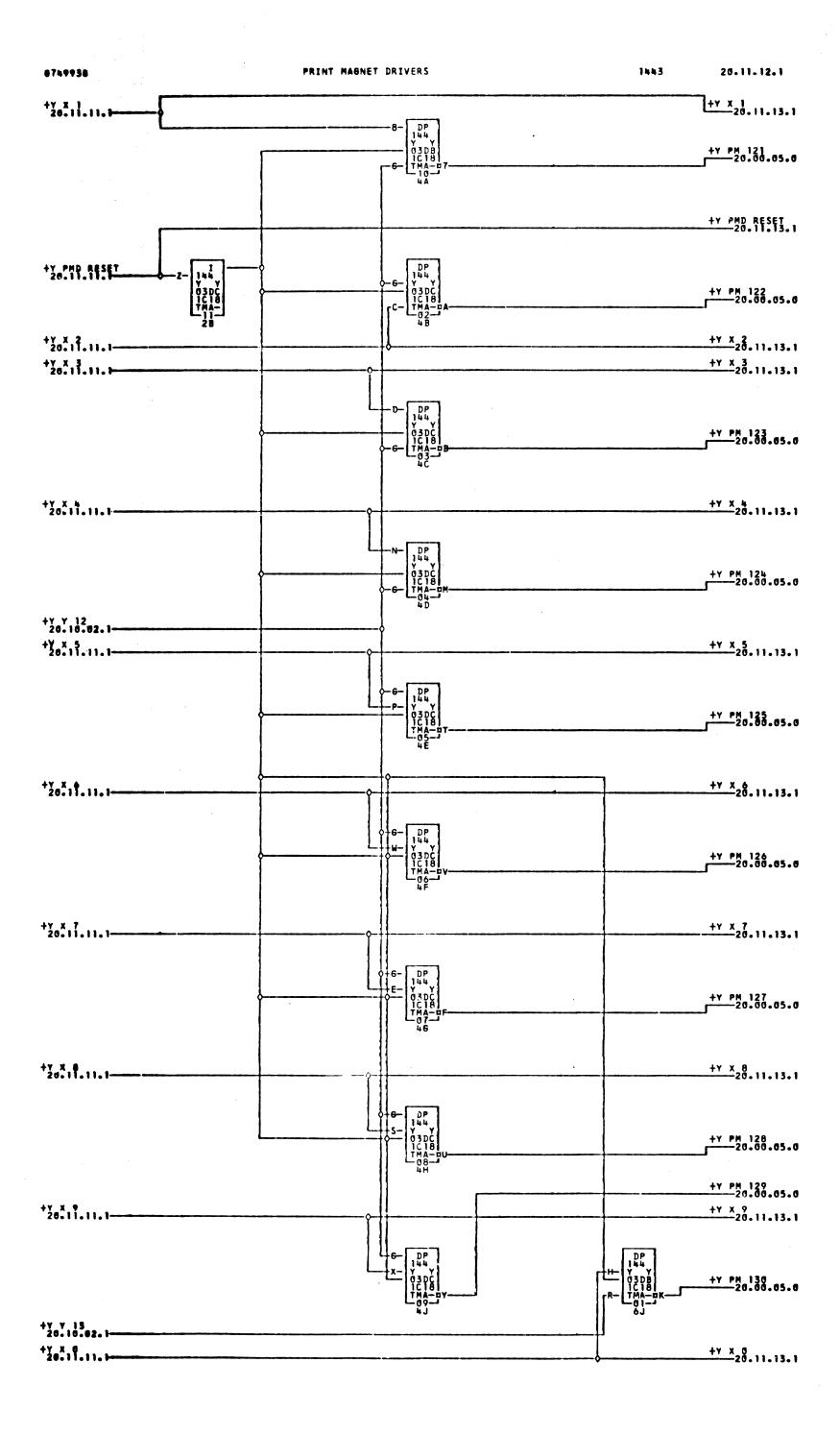


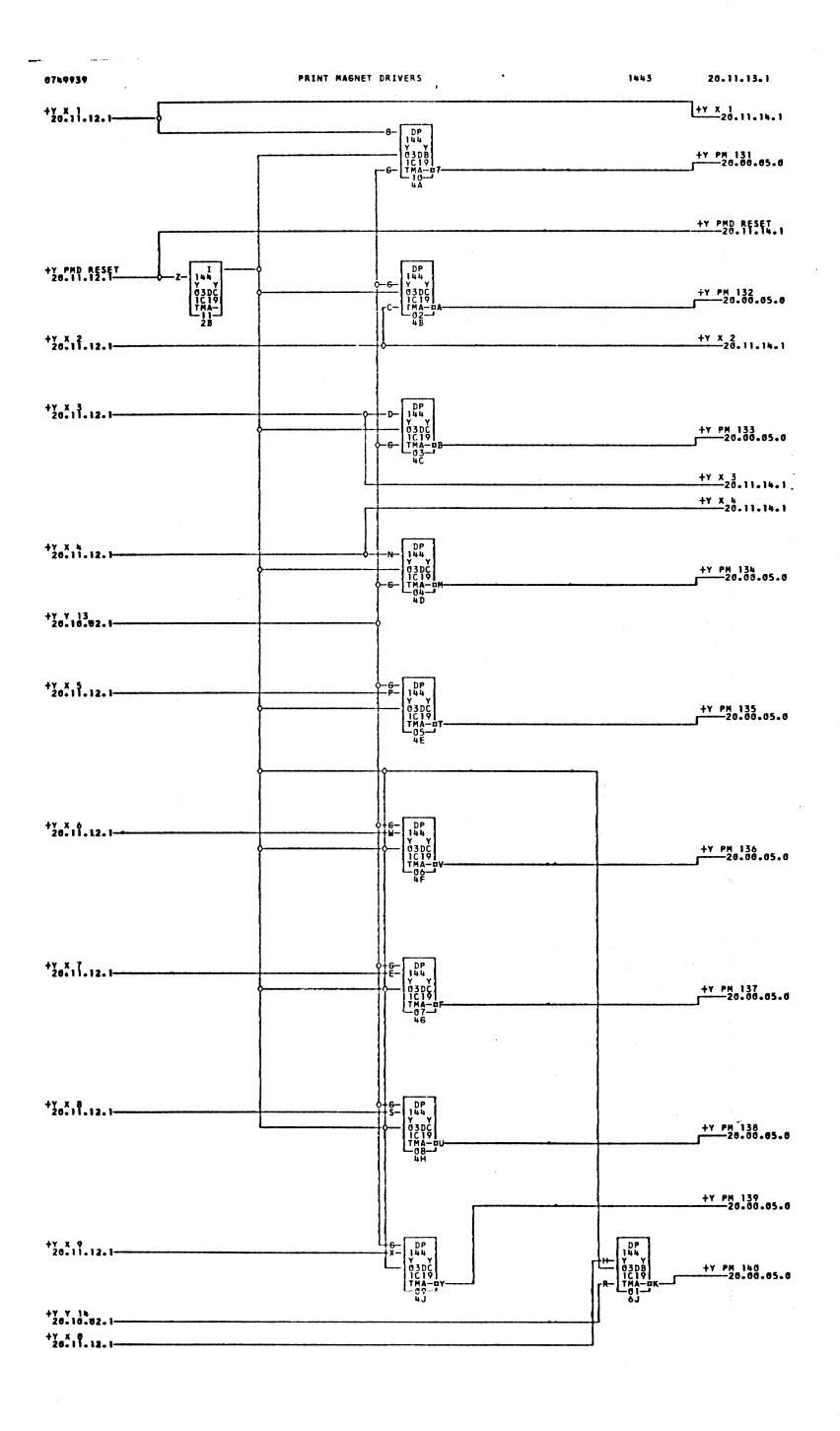


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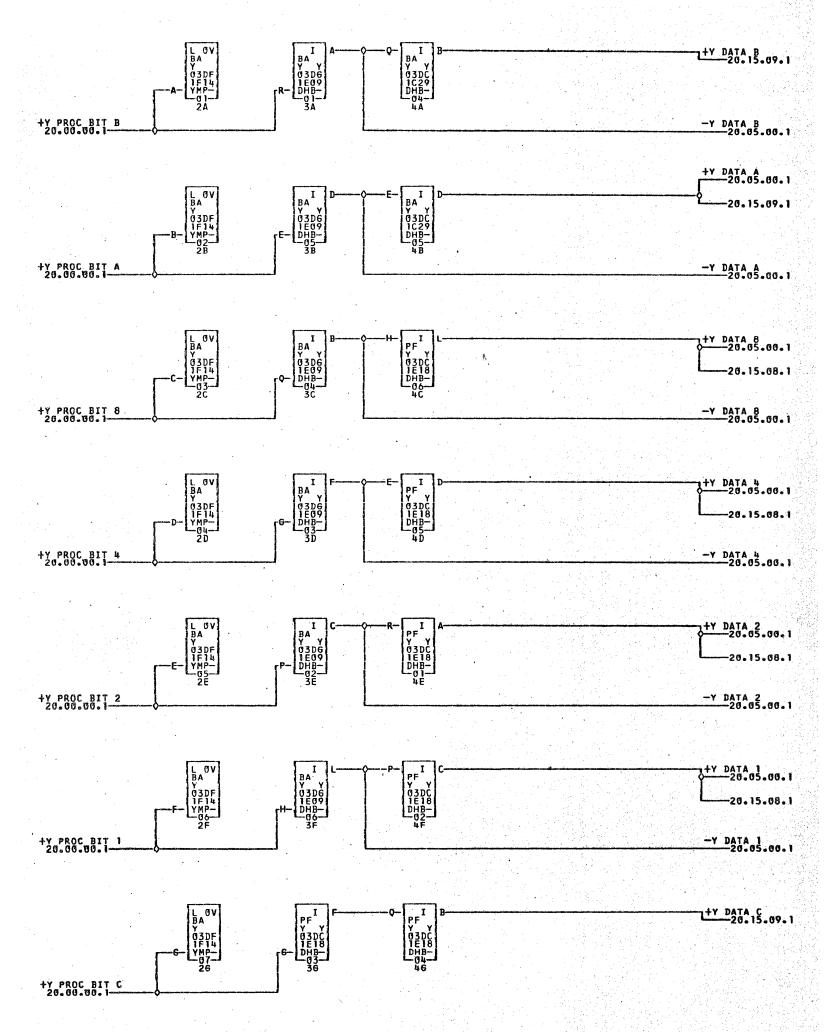


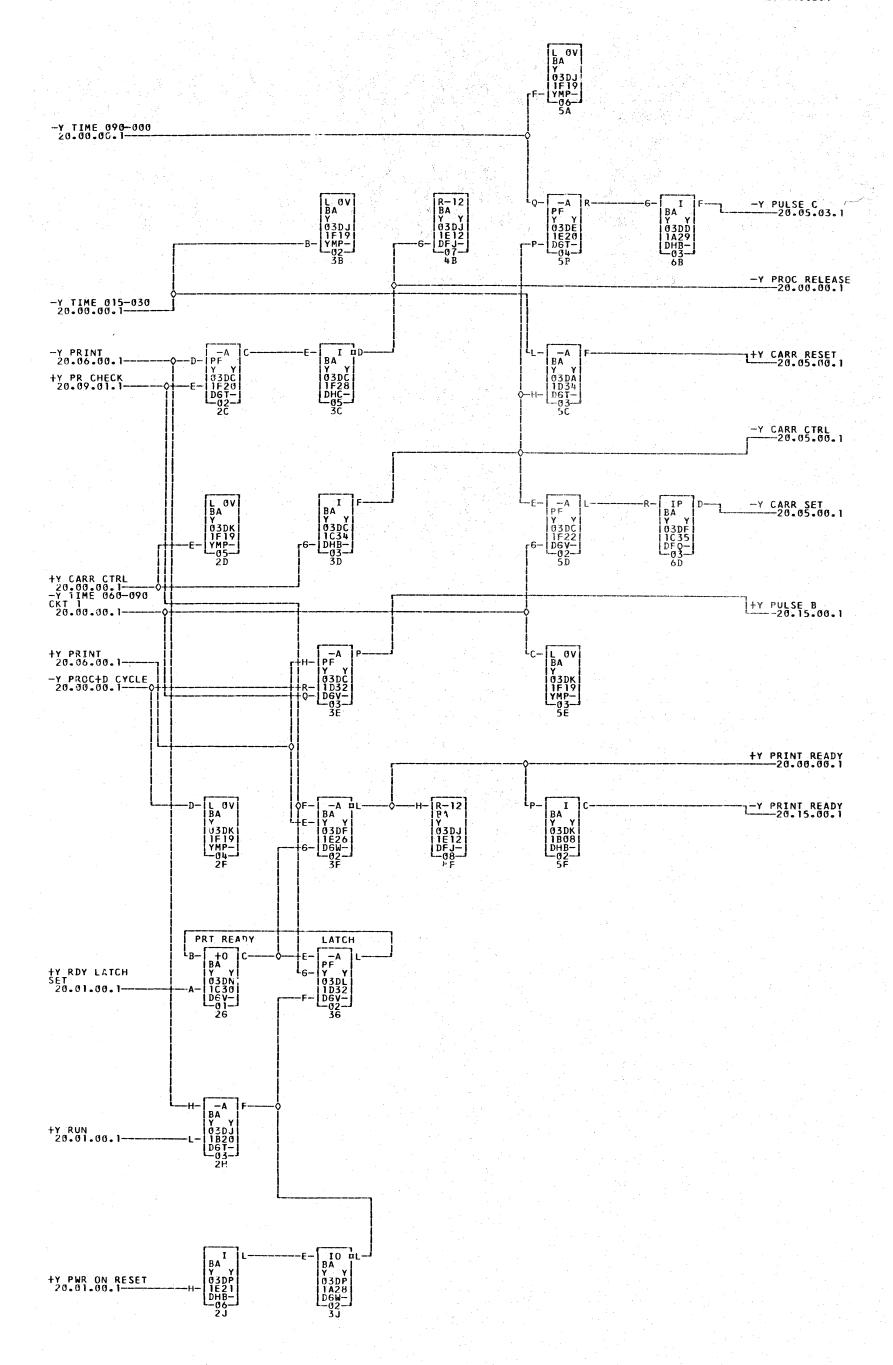


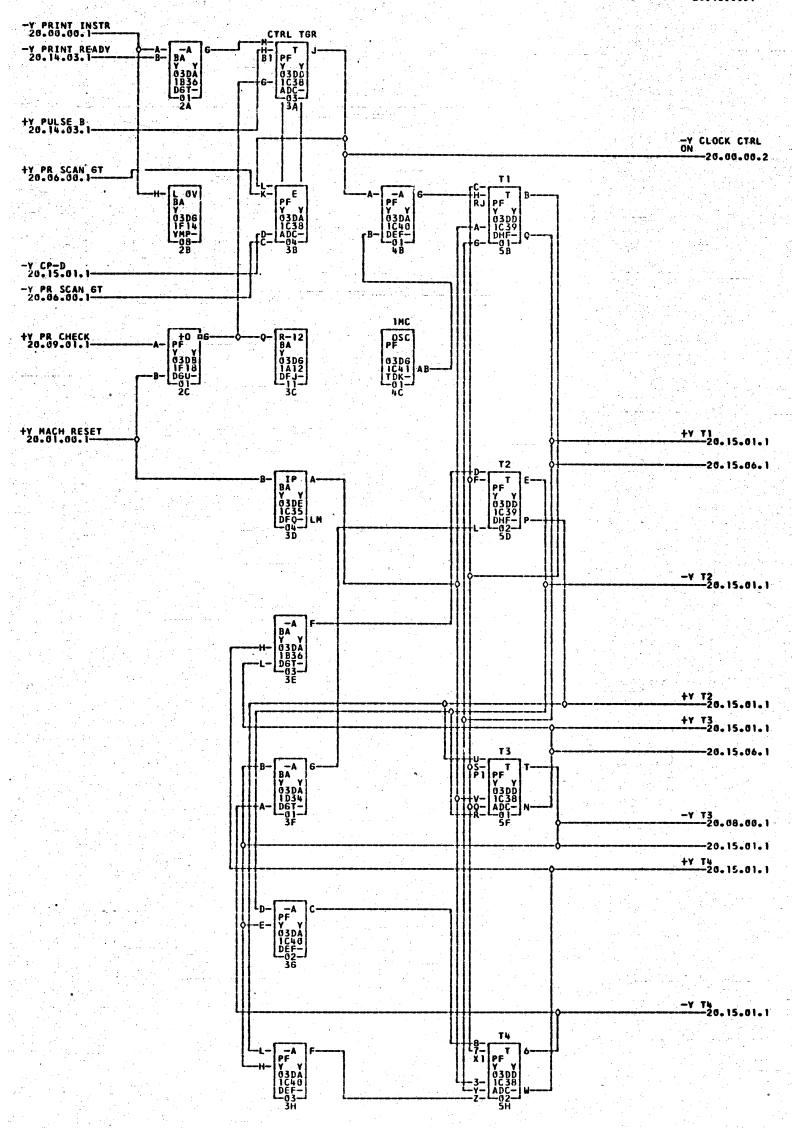
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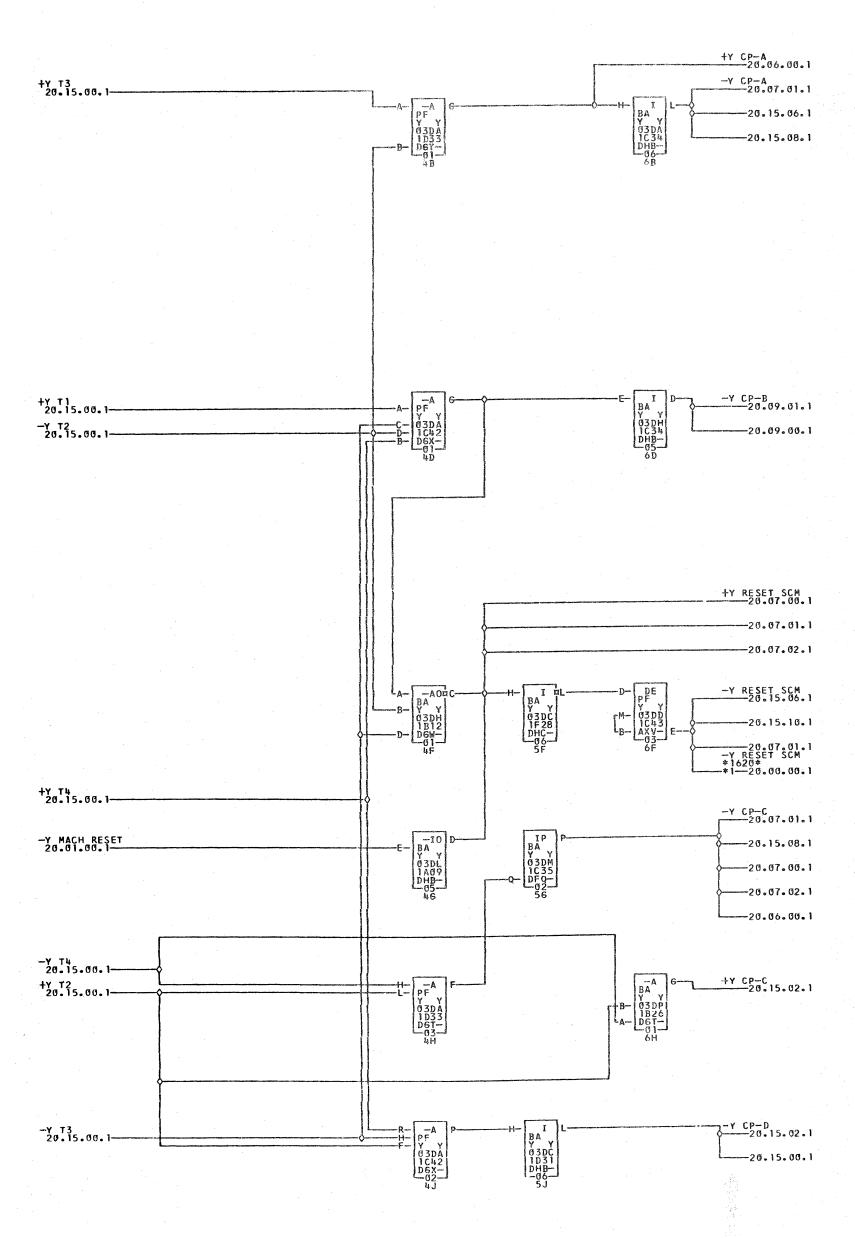
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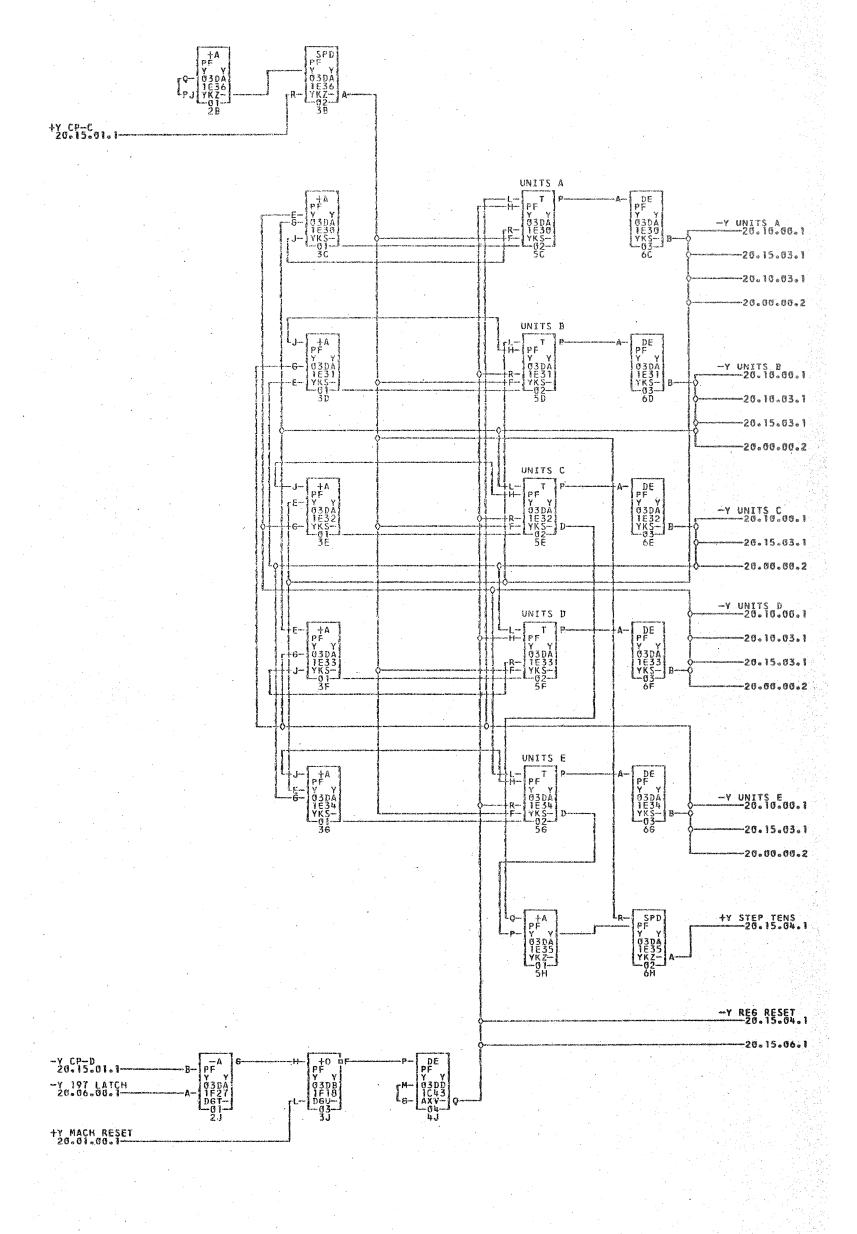


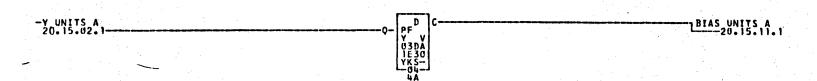


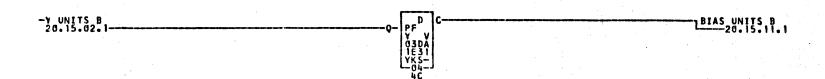


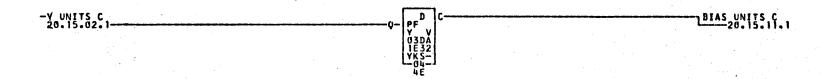


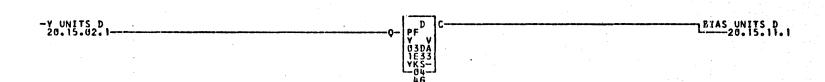
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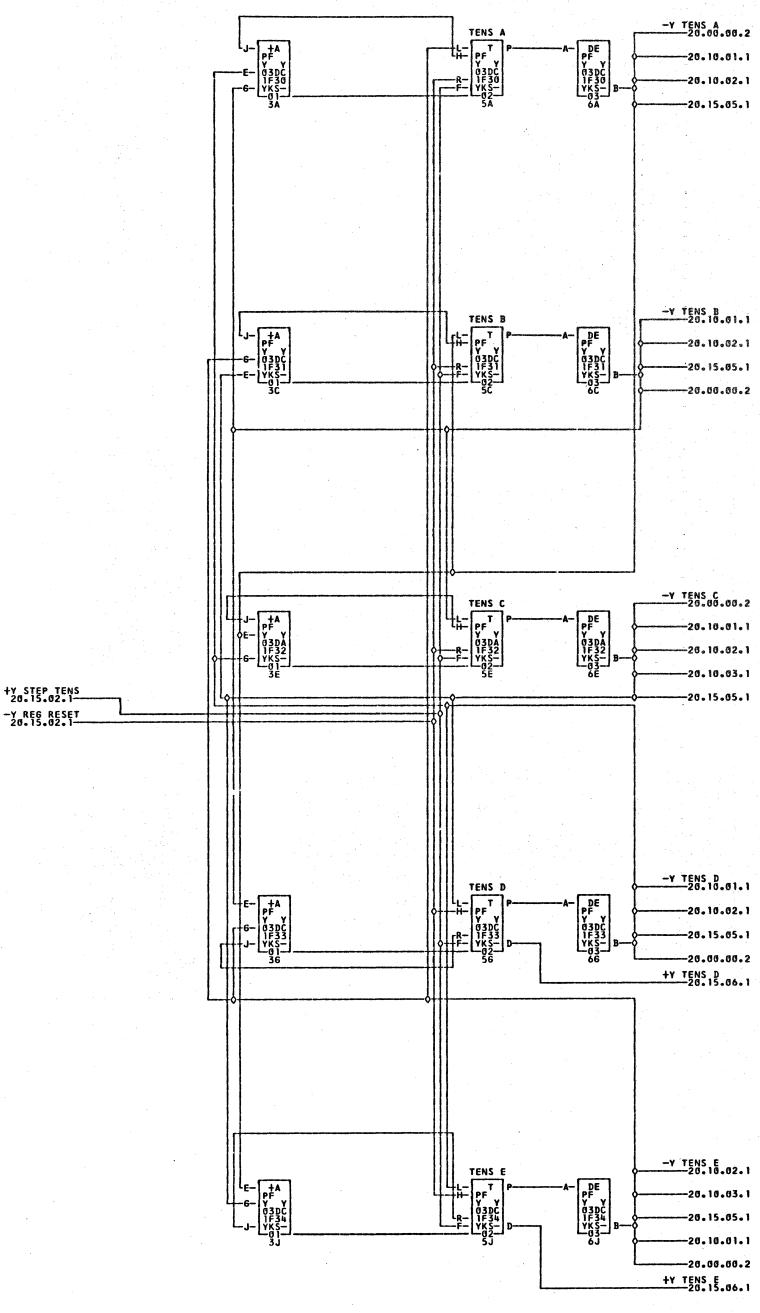


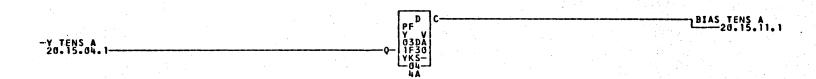


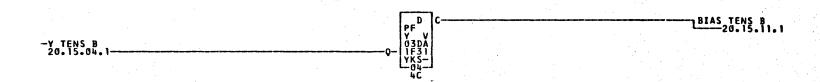


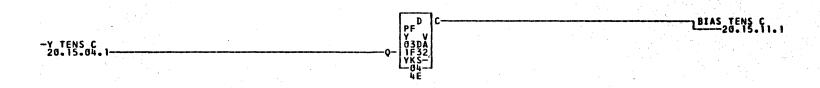


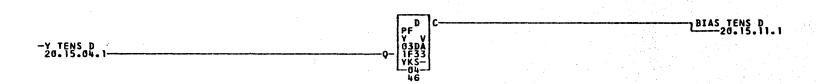


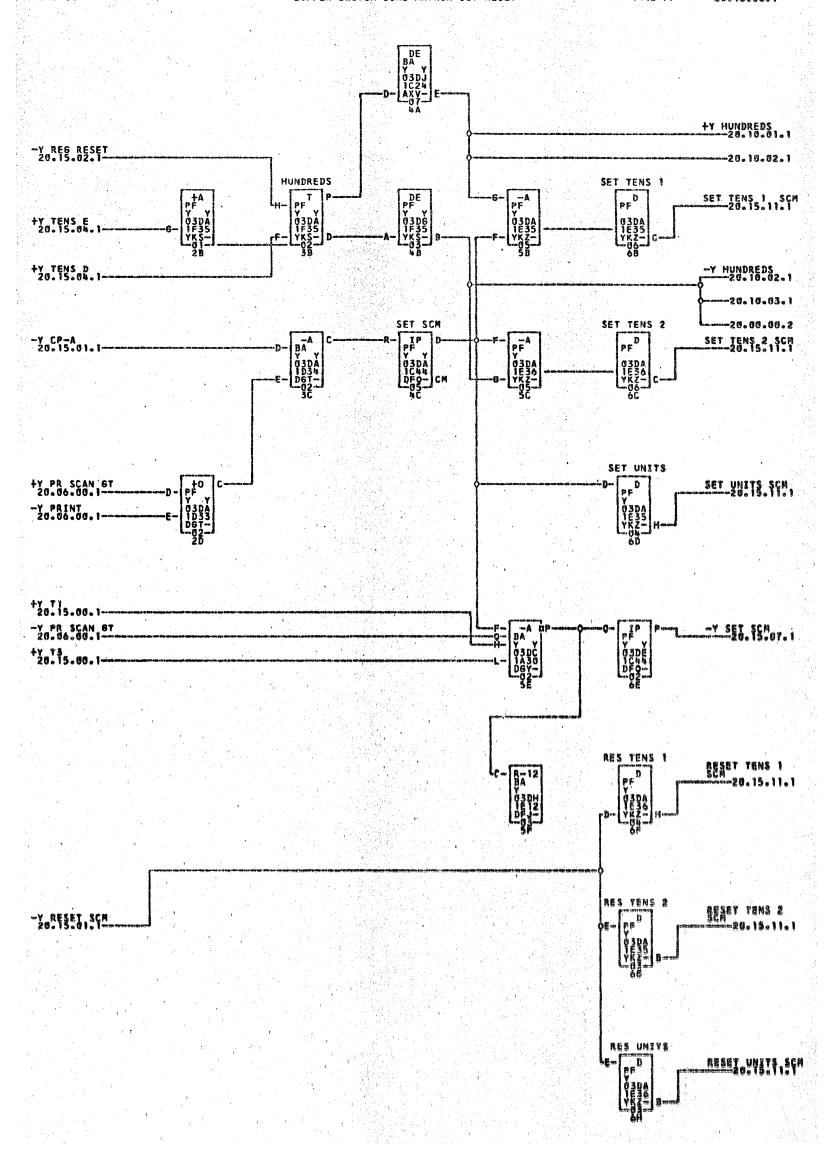








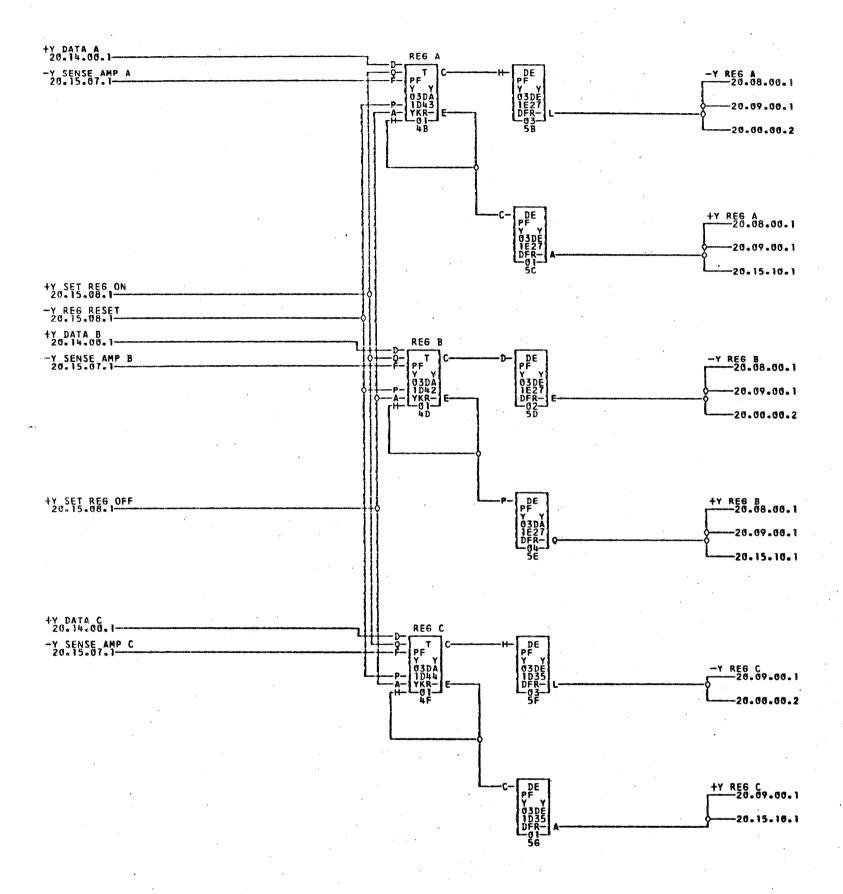


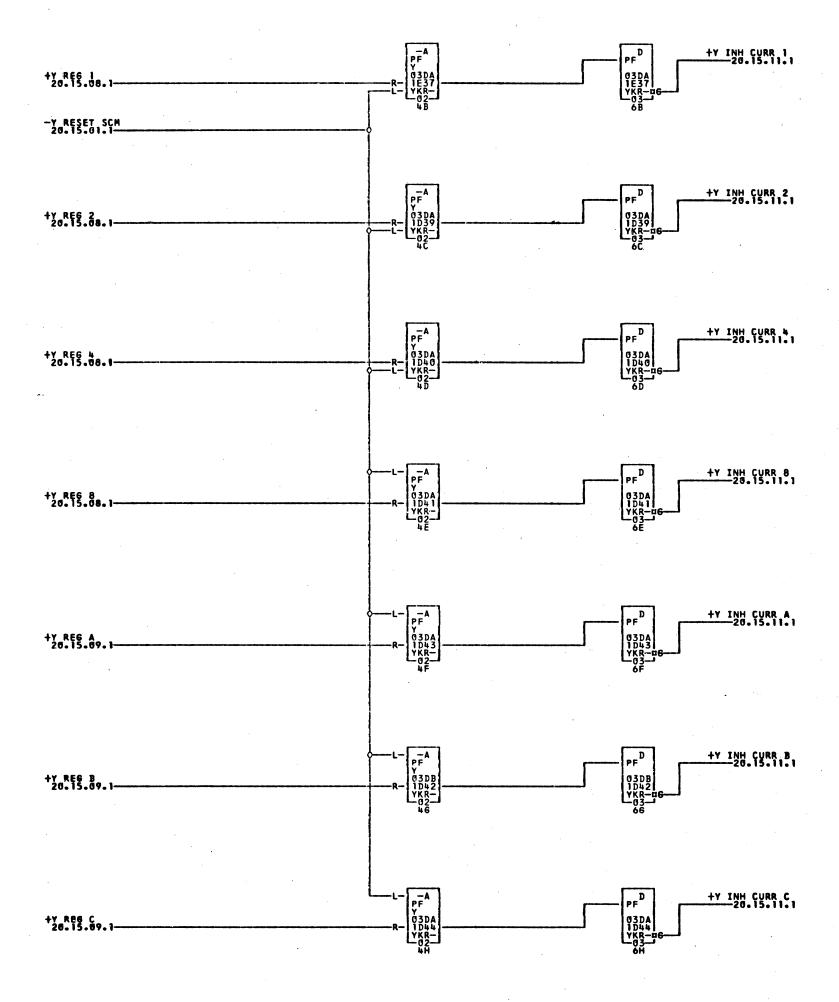


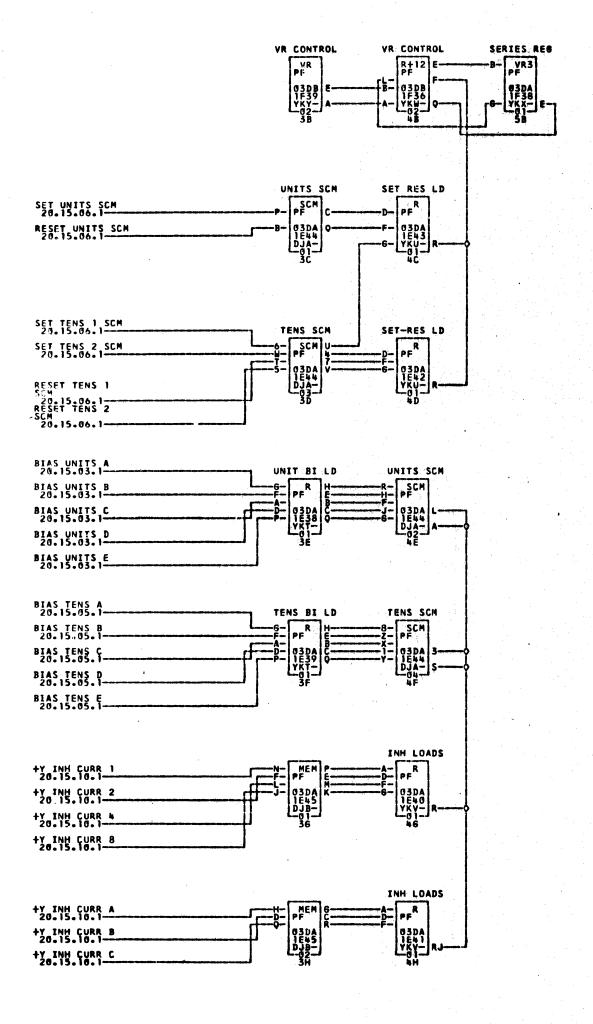
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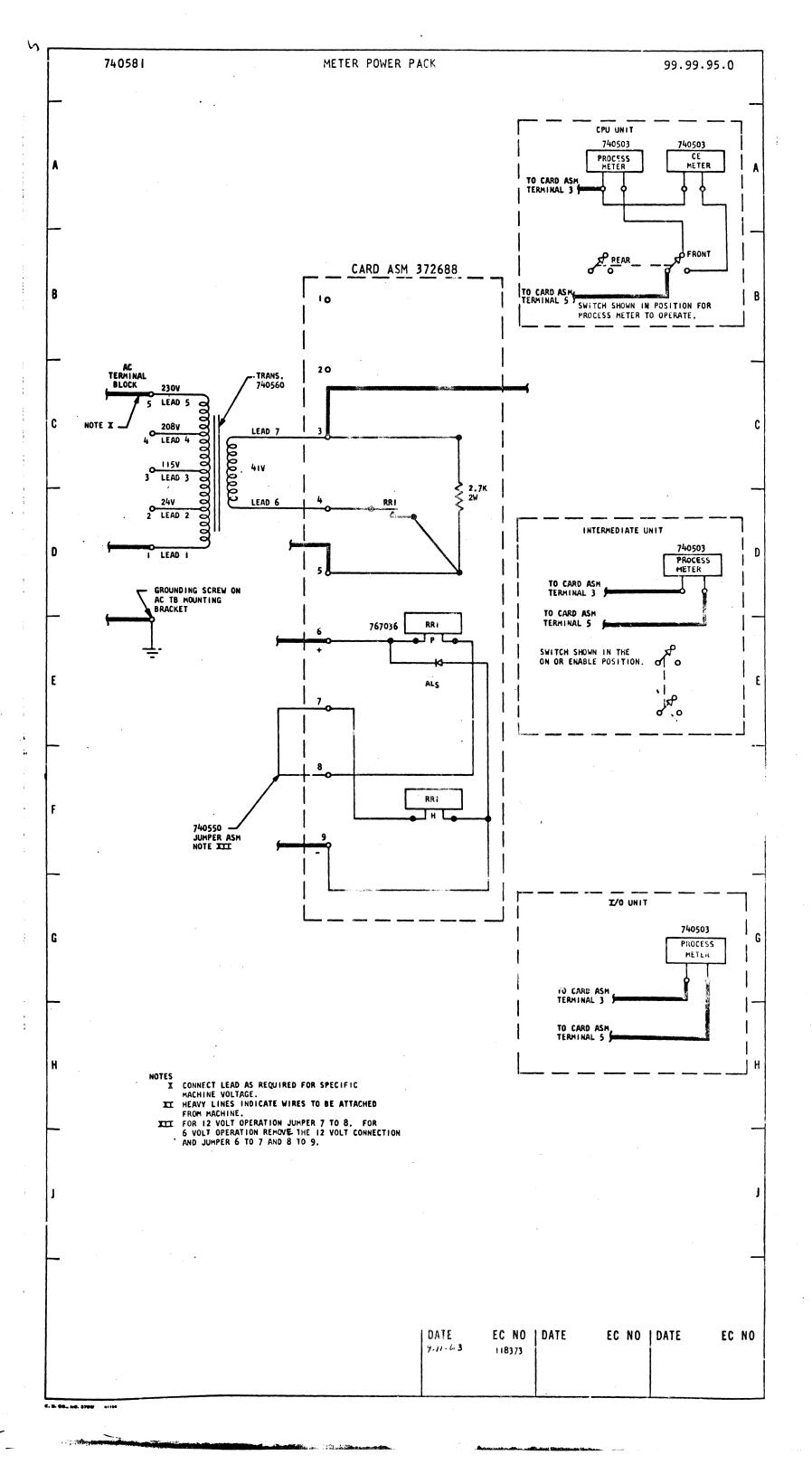


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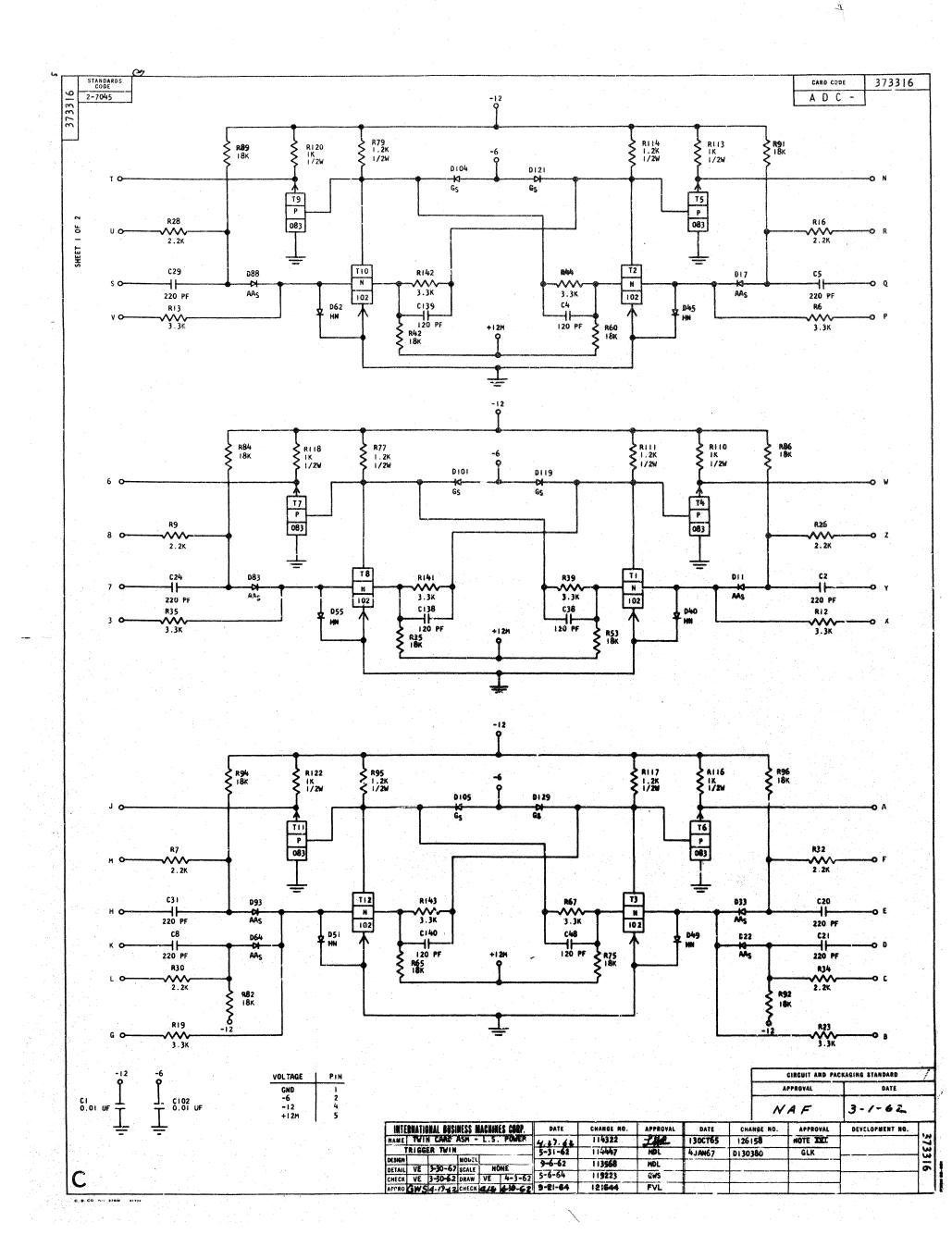


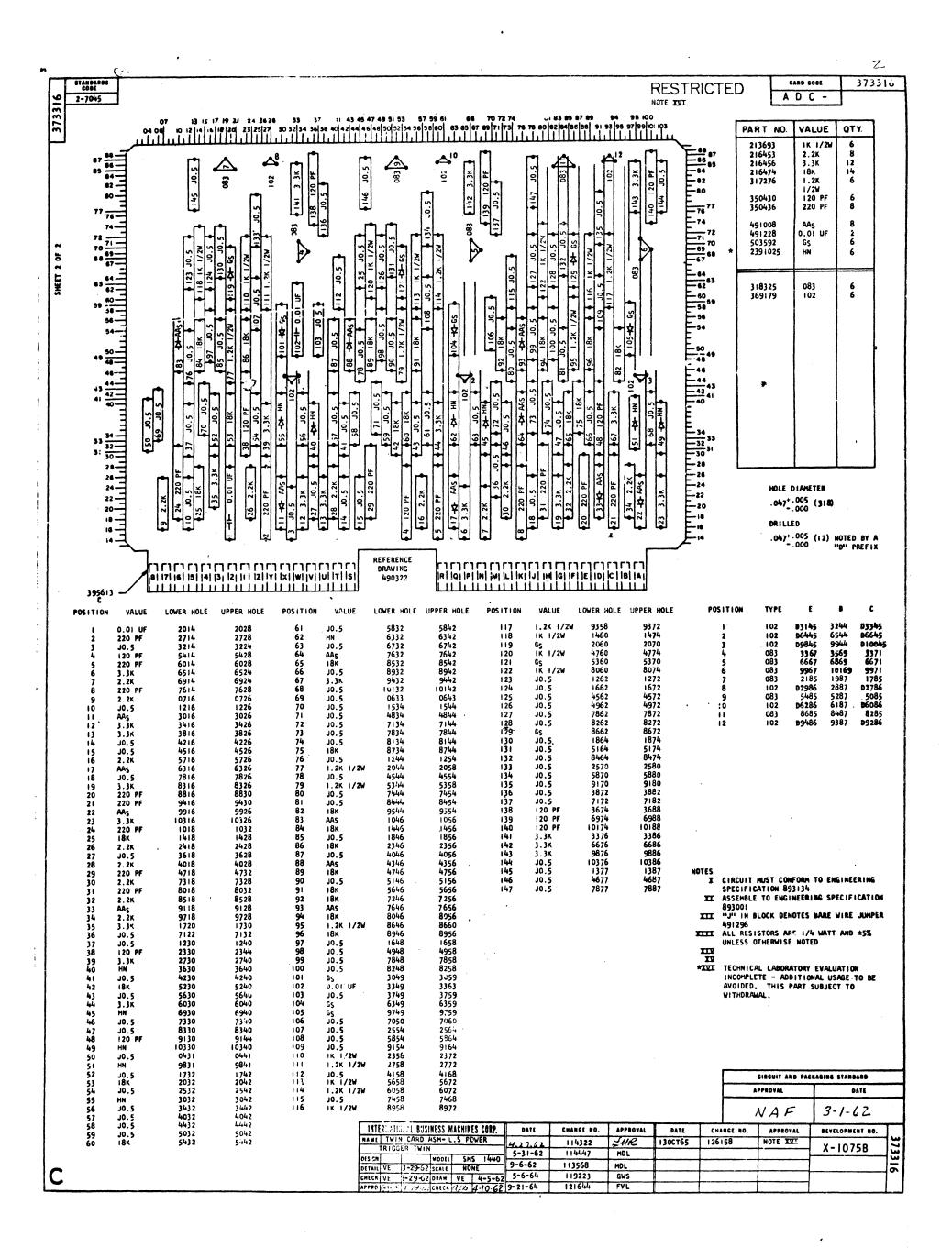
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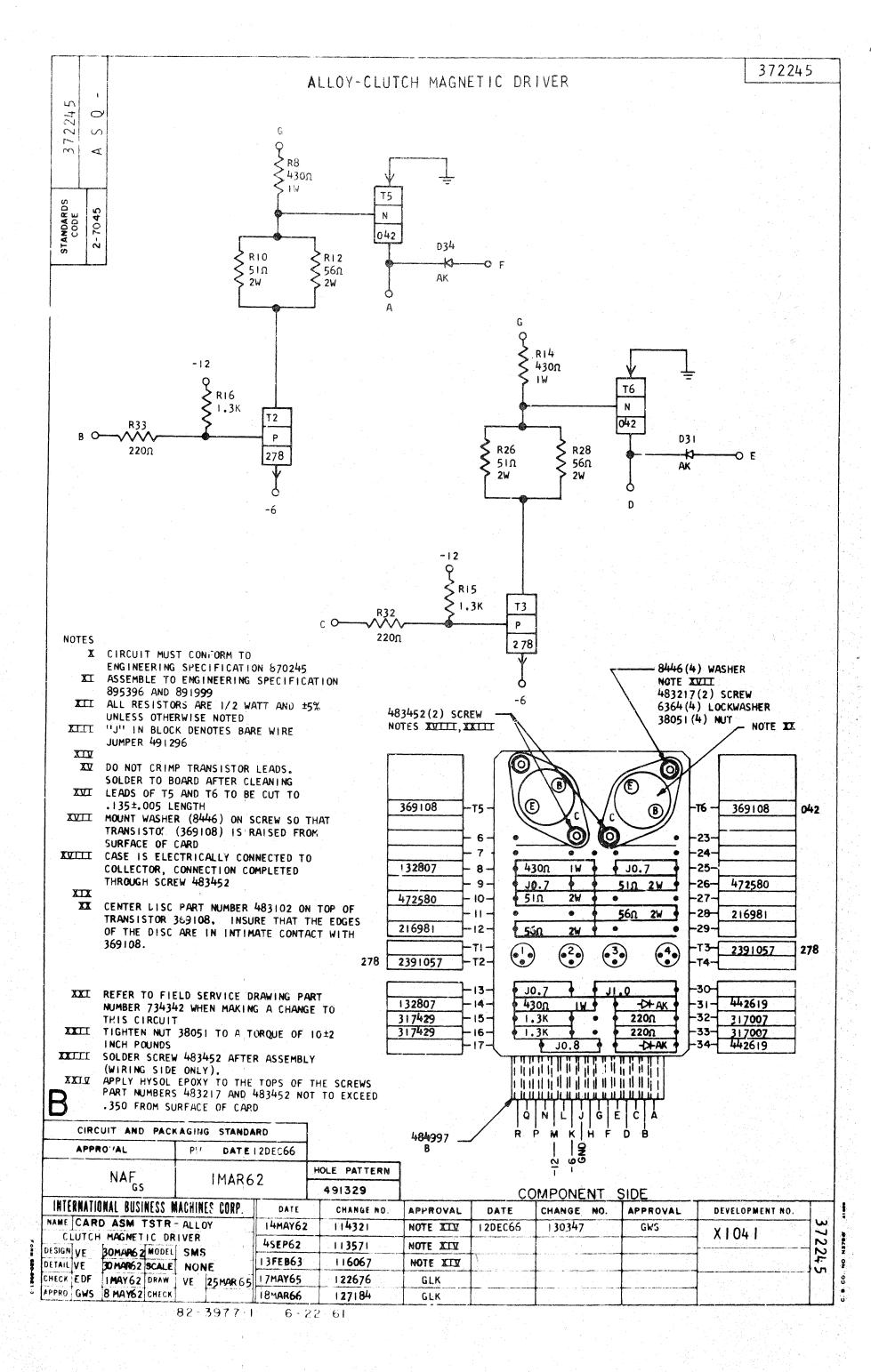
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,	9.99.99.9	1443PF					0749899		305518		
C	ARD CAP			NAME			PART NO.	4/2.1	REF NO.	C.E	. REF NO.

CARD CAP	NAME	PART NO.	REF NO.	C.E. REF NO.
AD C-	TRIGGER TWIN CARD	373316	373316	736615
AS Q-	CLUTCH MAGNET DRIVER	372245	372245	734342
AX B-	2-2 WAY-LOAD	372201	370952	734316
AX C-	1-3 WAY 1-2 WAY-LOAD	372202	376952	734369
AX 6-	3-4 WAY-A-O LOAD	372206	370951	734310
AX K-	2-5 WAY-NO LOAD	372209	372269	734374
AX N-	3-4 WAY	372212	376951	734318
AX S-	2-2 WAY PLUS A PLUS & WOJLOAD	372241	372241	734323
AX V-	COMP EMITTER FOLLOWER	372244	372244	734338
AX X—	POWER LATCH A	372237	372237	734355
AX Z-	TRIGGER LS	372239	372239	734347
DE F-	2 WAY -A HS	370216	370216	729906
DE N-	1-6 WAY 1-4 WAY-LOAD	372195	370955	734304
DF J-	1.6K RESISTOR	370232	370232	729969
DF Q-	POWER INVERTER	370225	370225	729916
DF R-	EMITTER FOLLOWER	370226	370226	729911
D6 T-	4-2 WAY-LOAD	370380	370380	729913
D6 U-	4-2 WAY-NO LOAD	370379	370379	729914
De A-	3-3 WAY-LOAD	370378	370378	729915
De M-	3-3 WAY-NO LOAD	376377	370377	729916
De x-	2-5 WAY-LOAD	376376	370955	729917
D6 Y-	2-5 WAY-NO LOAD	370375	370955	729918
DH B-	INVERTER-LOAD	370348	370950	729921
DH C-	INVERTER-NO LOAD	376372	376956	729922
DH E-	SINGLE SHOT	370262	370262	729924
DH F-	TRIGGER AND DRIVER	370350	370350	729925
DH J-	MUP CL	370352	376352	729928
DH V-	1-6 WAY 1-4 WAY-A NO LOAD	372123	370955	734301
DH Z-	1-8 WAY 1-2 WAY-LOAD	372194	370955	734303
DJ A-	SWITCH CORE MATRIX	373329	373329	734415
DJ B-	MEMORY ARRAY	373330	373330	734416
EV S-	INDICATOR DRIVER	374716	374710	
NW —	LOAD RESESTOR	371598	371598	729890
TD K-	OSCILLATOR IMC	370551	370551	729947
TF U-	SOLOR CELL AMPLIFIER	370864	376864	736612
TM A-	PRINT MAGNET HAMMER DRIVER	373254	373254	736614
YJ K-	LOAD RESISTOR	370863	370863	734326
YK R-	INHIBIT CIRCUIT	372226	372226	734392
YK S-	ADDRESS REGISTER	372221	372221	734393
YK T-	BIAS LOAD	372222	372222	734394
YK U-	SET_RESET-LOAD	372223	372223	734395
YK V-	INHIBIT LOAD	372224	372224	734396
YK W-	VOLTAGE REGULATOR L2	372225	372225	734397
YK X-	VOLTAGE REGULATOR L3	372226	372226	734398
YK Y-	VOLTAGE REGULATOR + SENSE GATE L1	372227	372227	734399
YK Z-	SPD-CURRENT DRIVER	372228	372228	734400
YL A-	SENSE AMPLIFIER	372229	372229	734401
YM P-	DIODE	372361	372361	734329
YH Q-	INTEGRATER	372366	372360	736613
Z6 H-	4-2 WAY-NO LD-H.S.	372586	372586	734341

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CIRCUIT AND PACKAGING STANDARD APPROVAL NAF 2-22-62 INTERNATIONAL BUSINESS MACHINES CORP IAME CARD ASM TSTR-MDL 114295 4-13 62 X1027B 1771 -2 WAY, 2/CARD (-A, -0) MODEL SMS 1440 ESIGN SCALE NONE ETAIL HECK FOF 0 562 DRAW HAV 3-22-62 PPRO GWS A / TO CHECK AP 3 23-62

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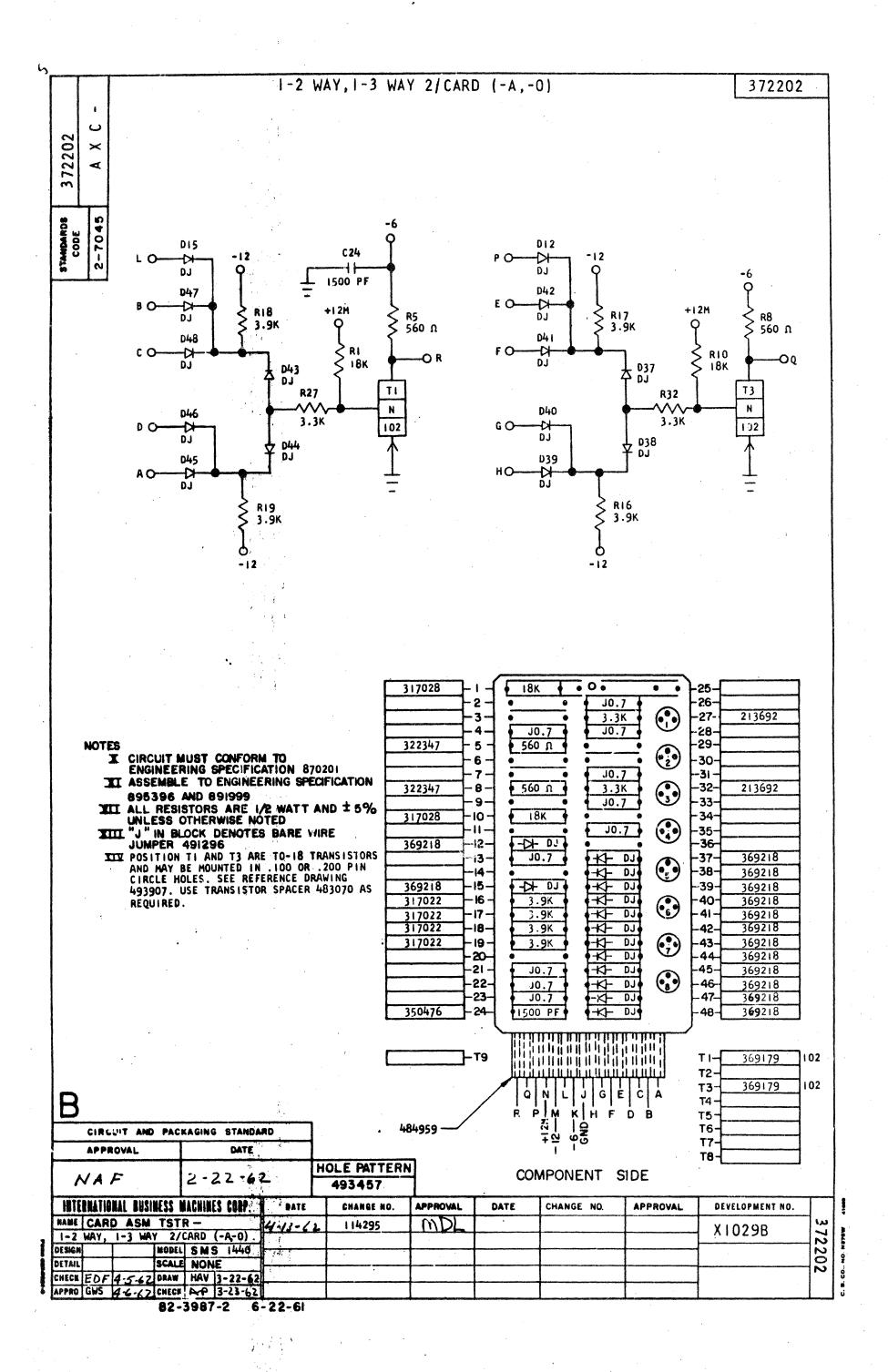
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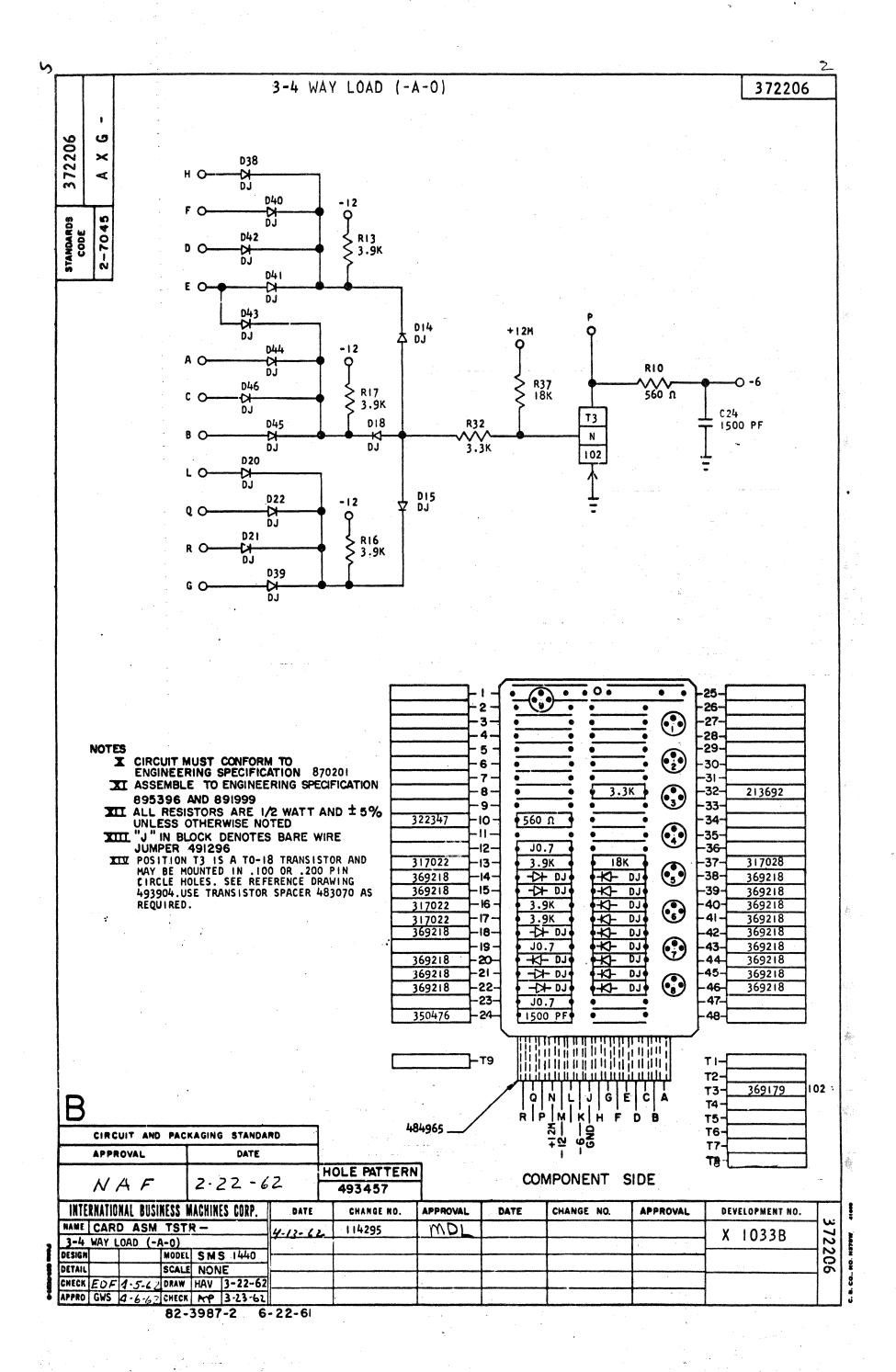
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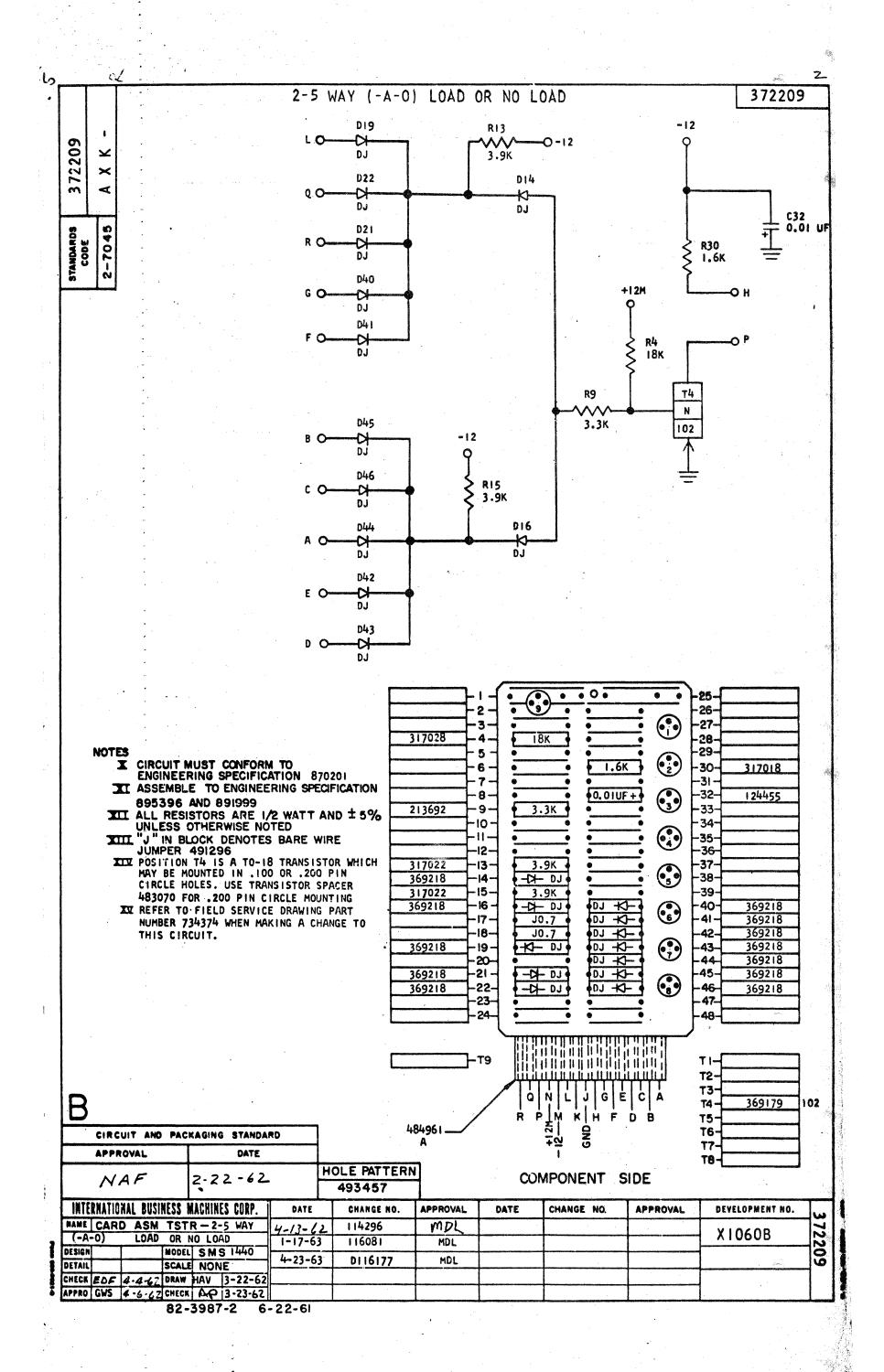
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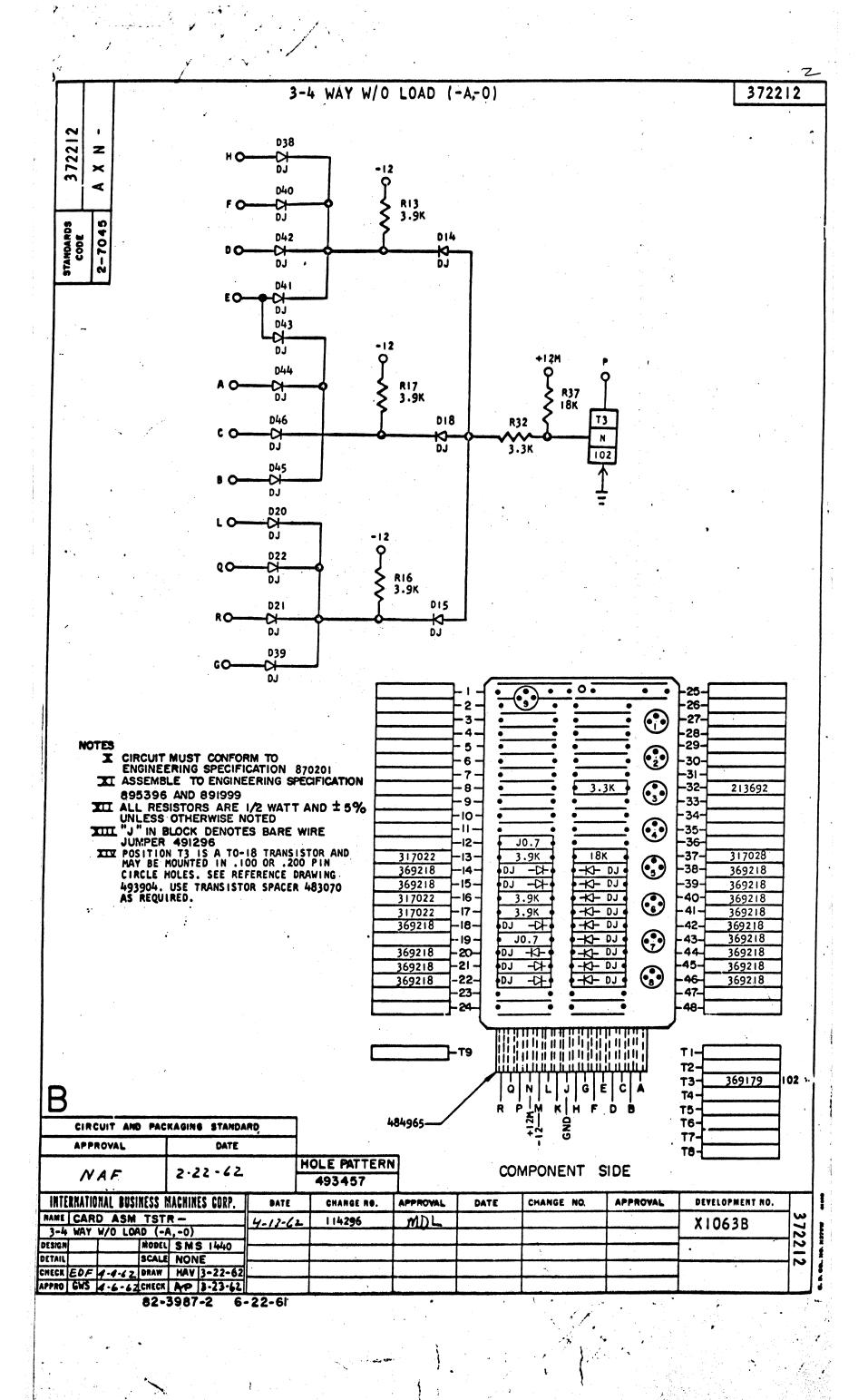
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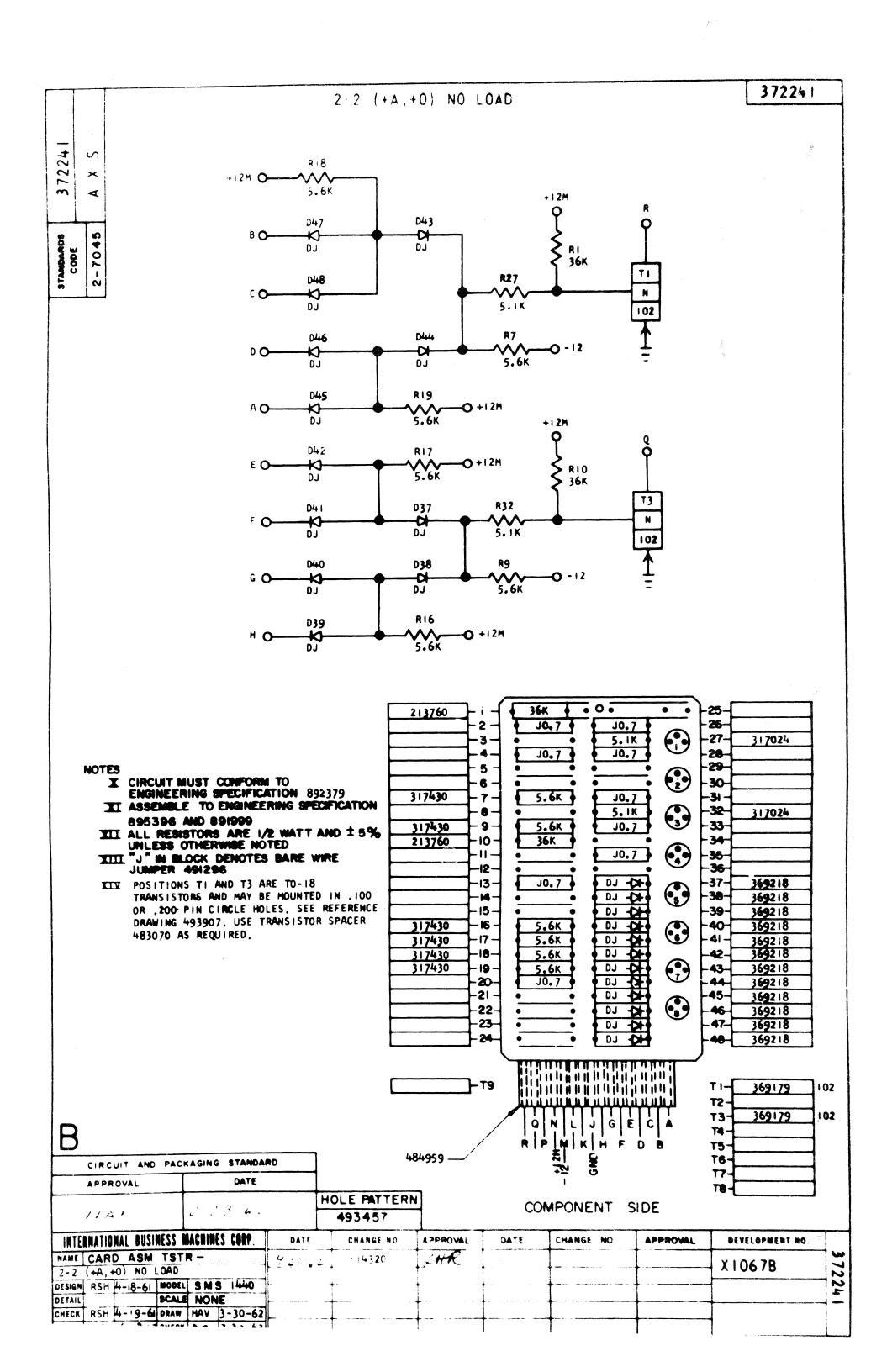
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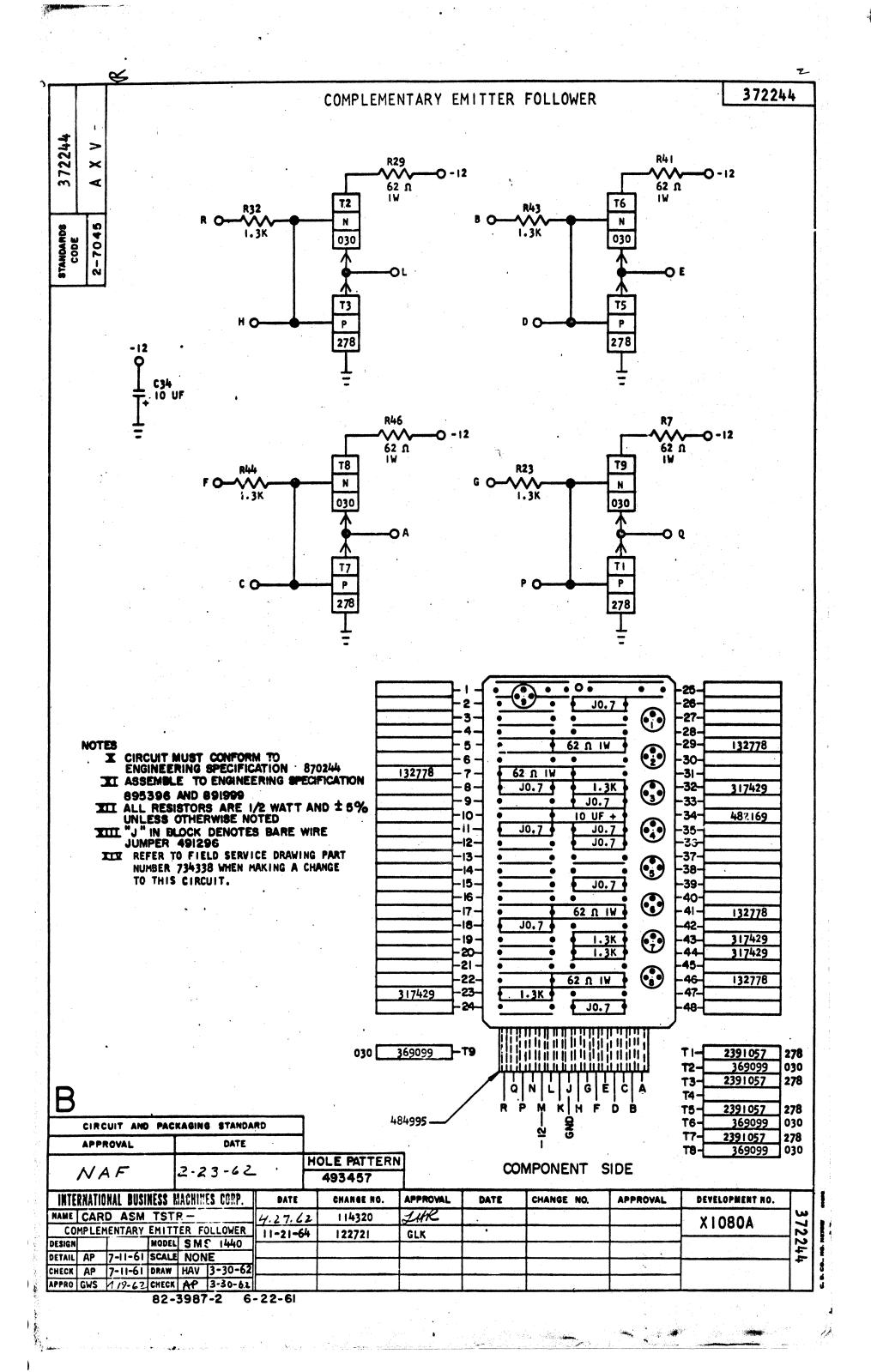


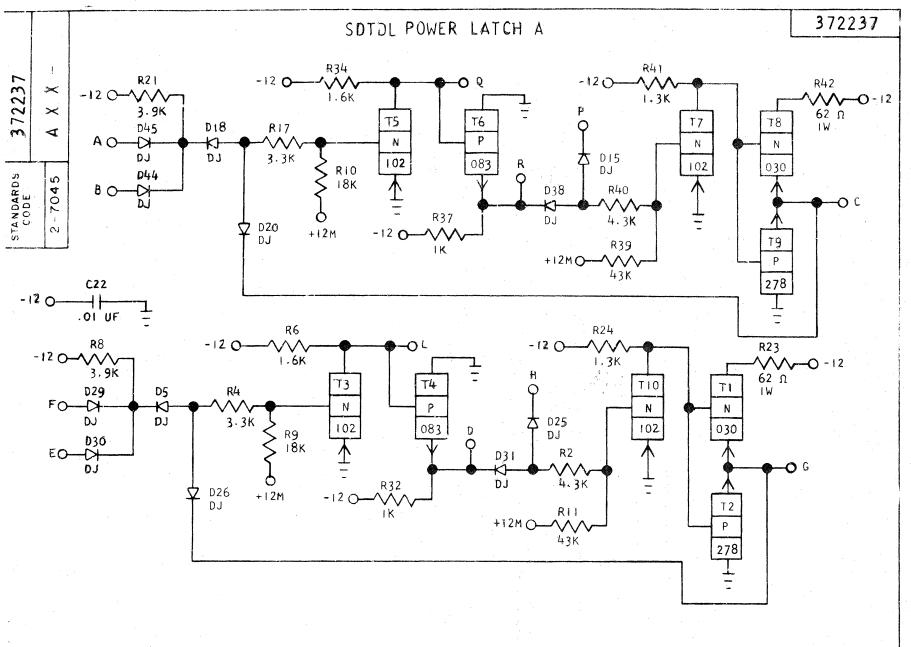


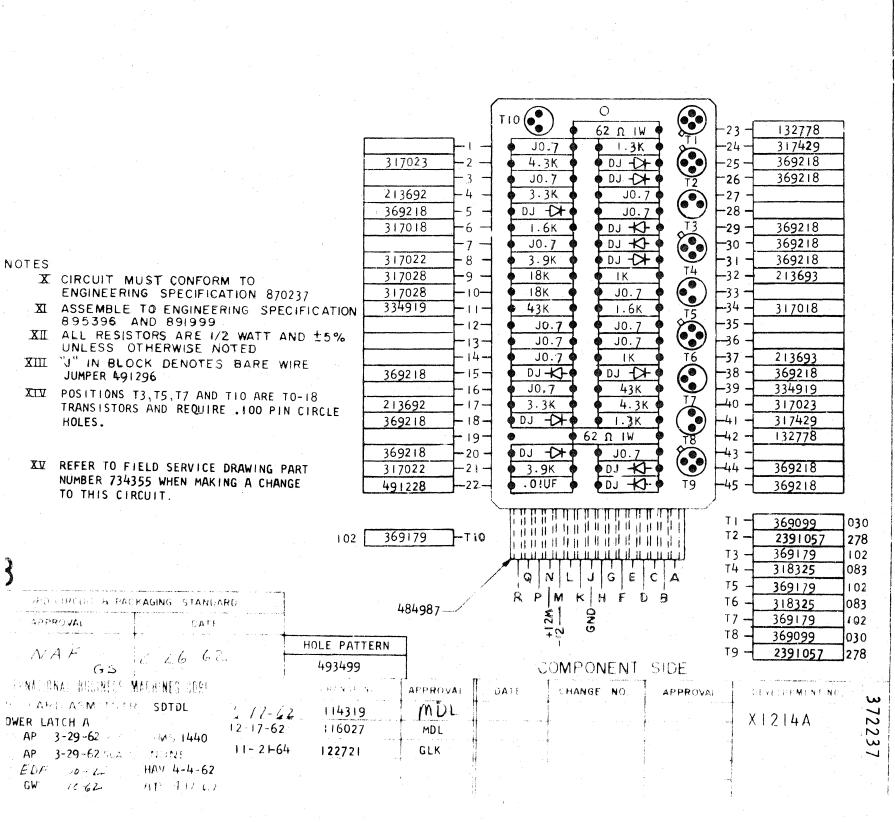


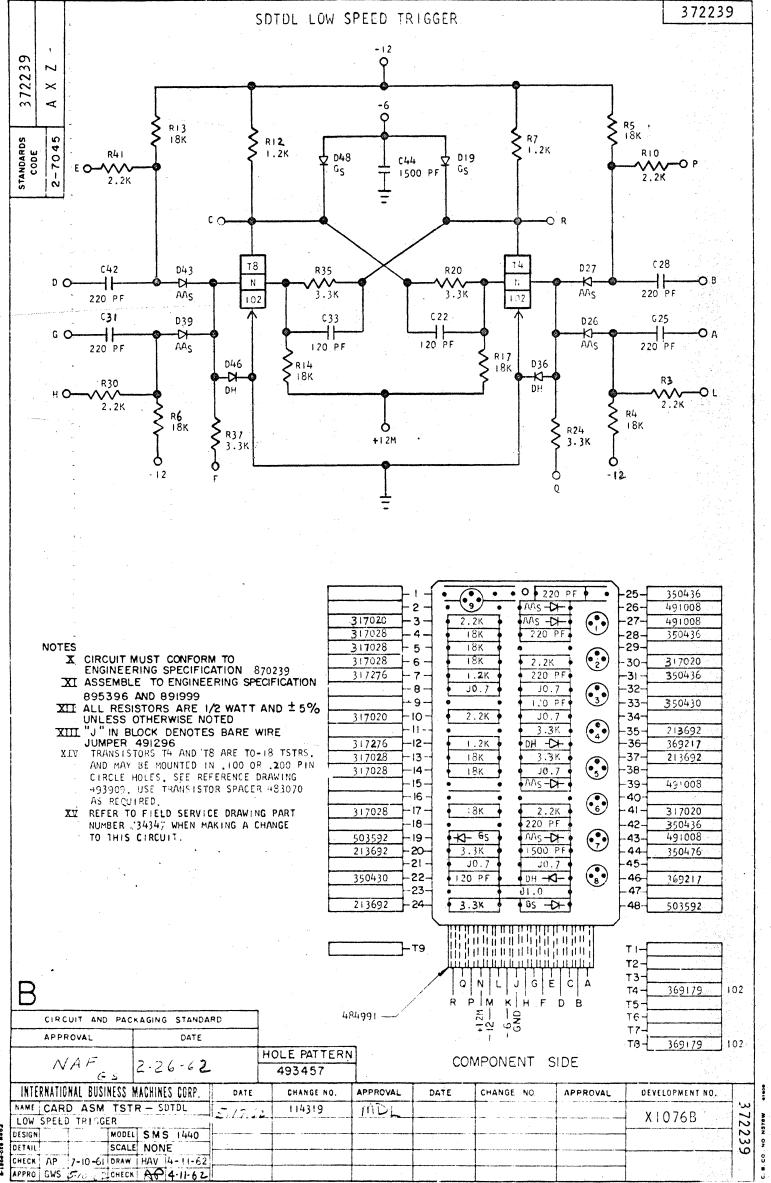










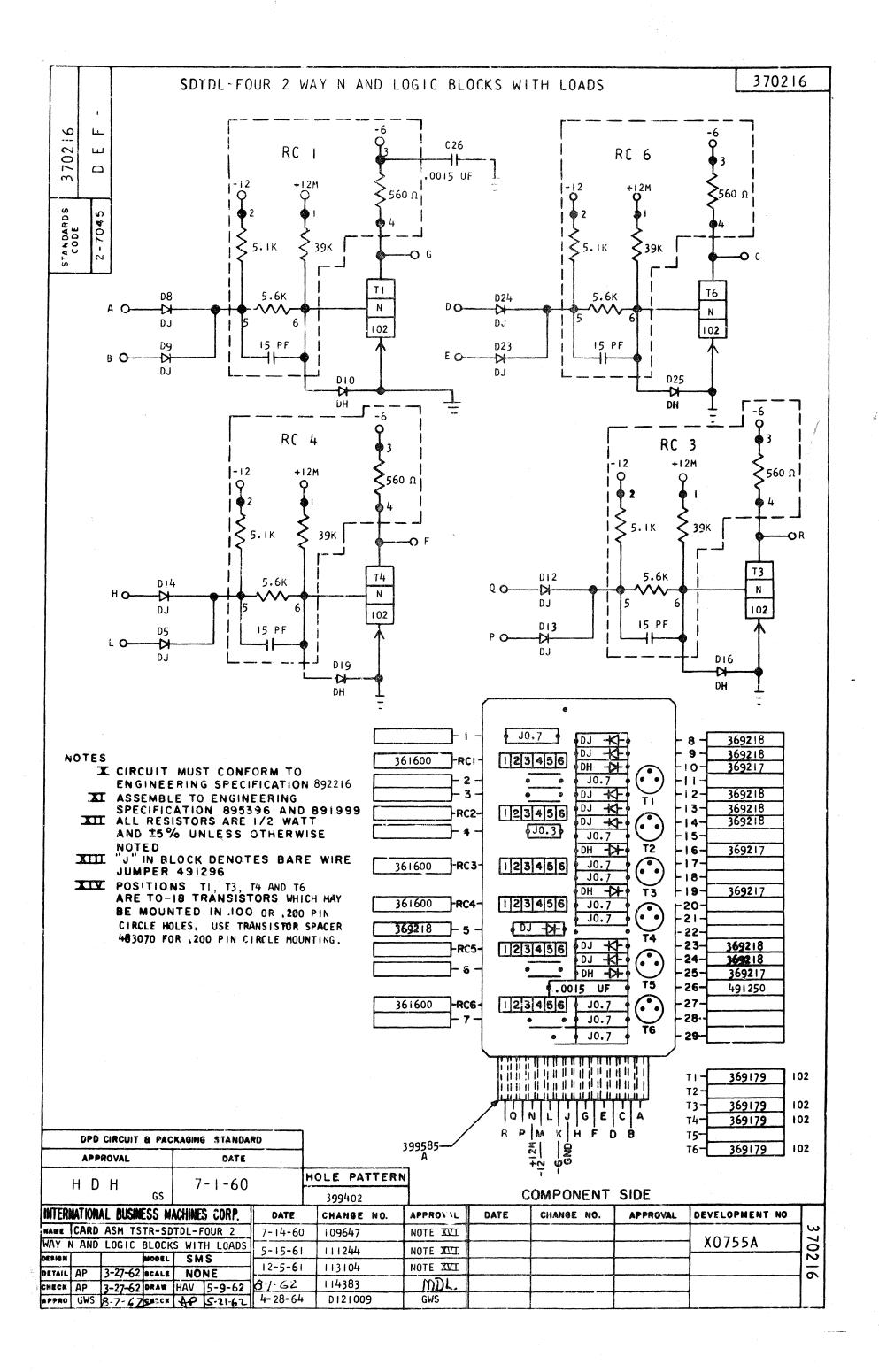


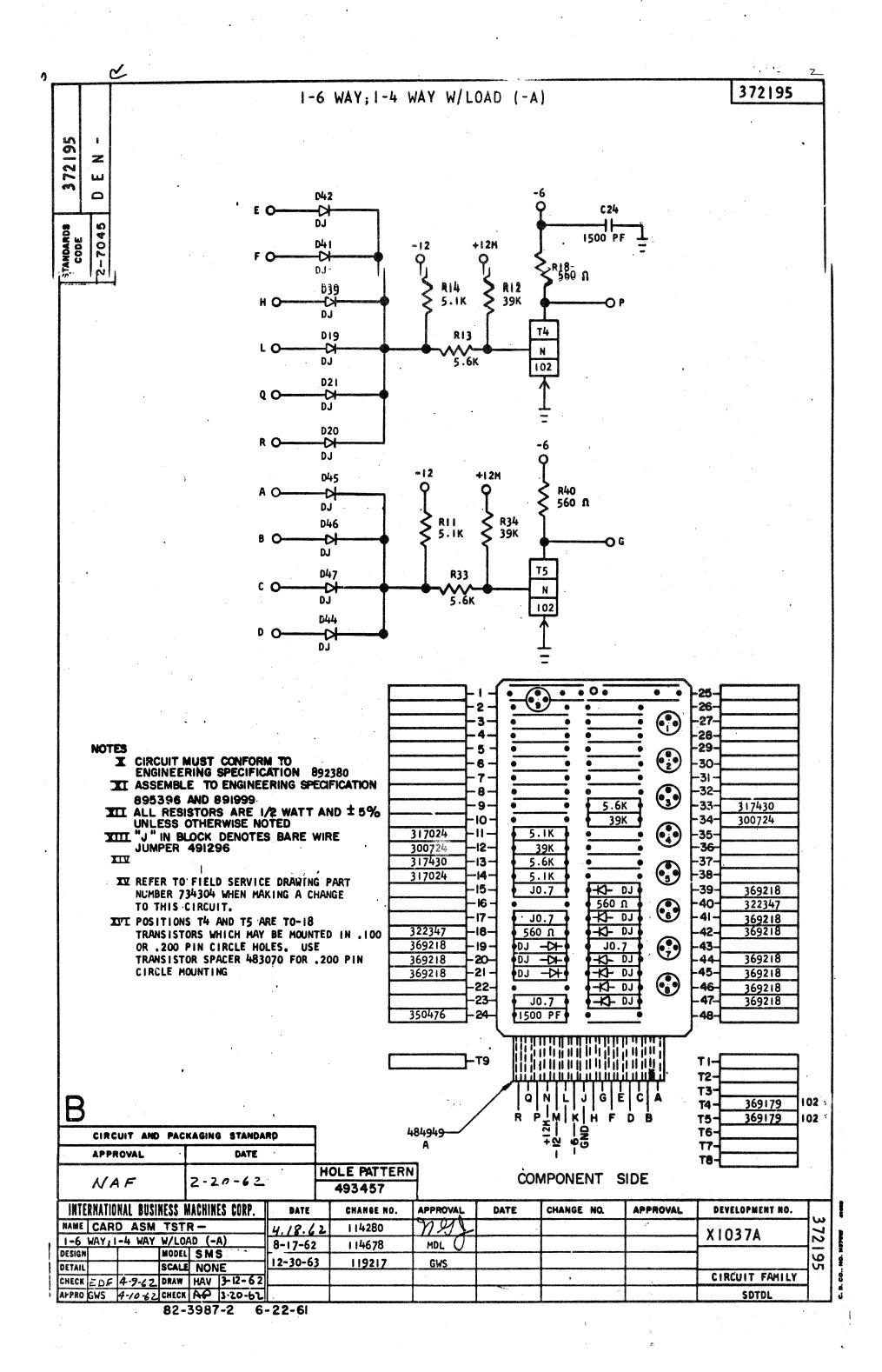
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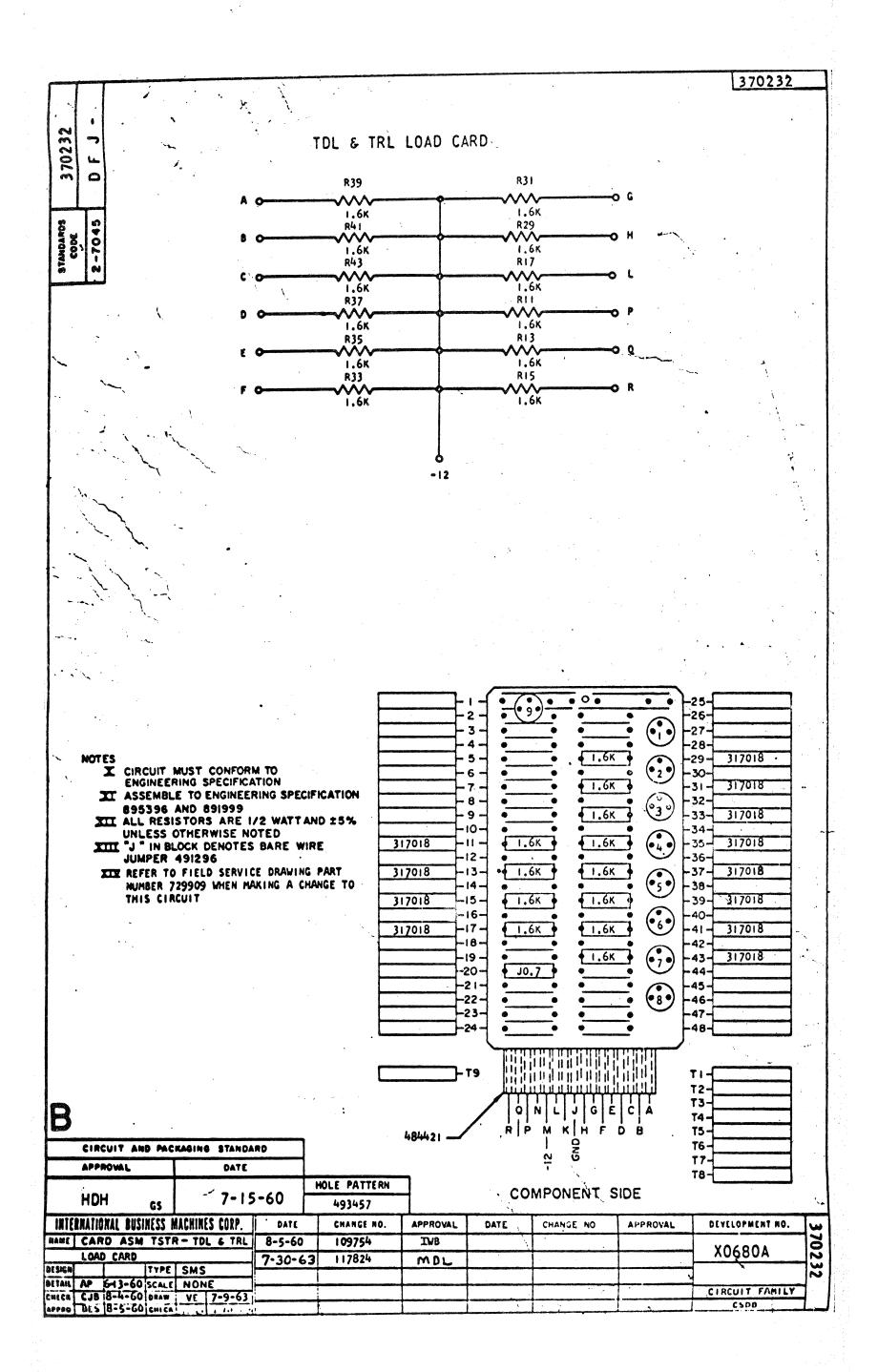
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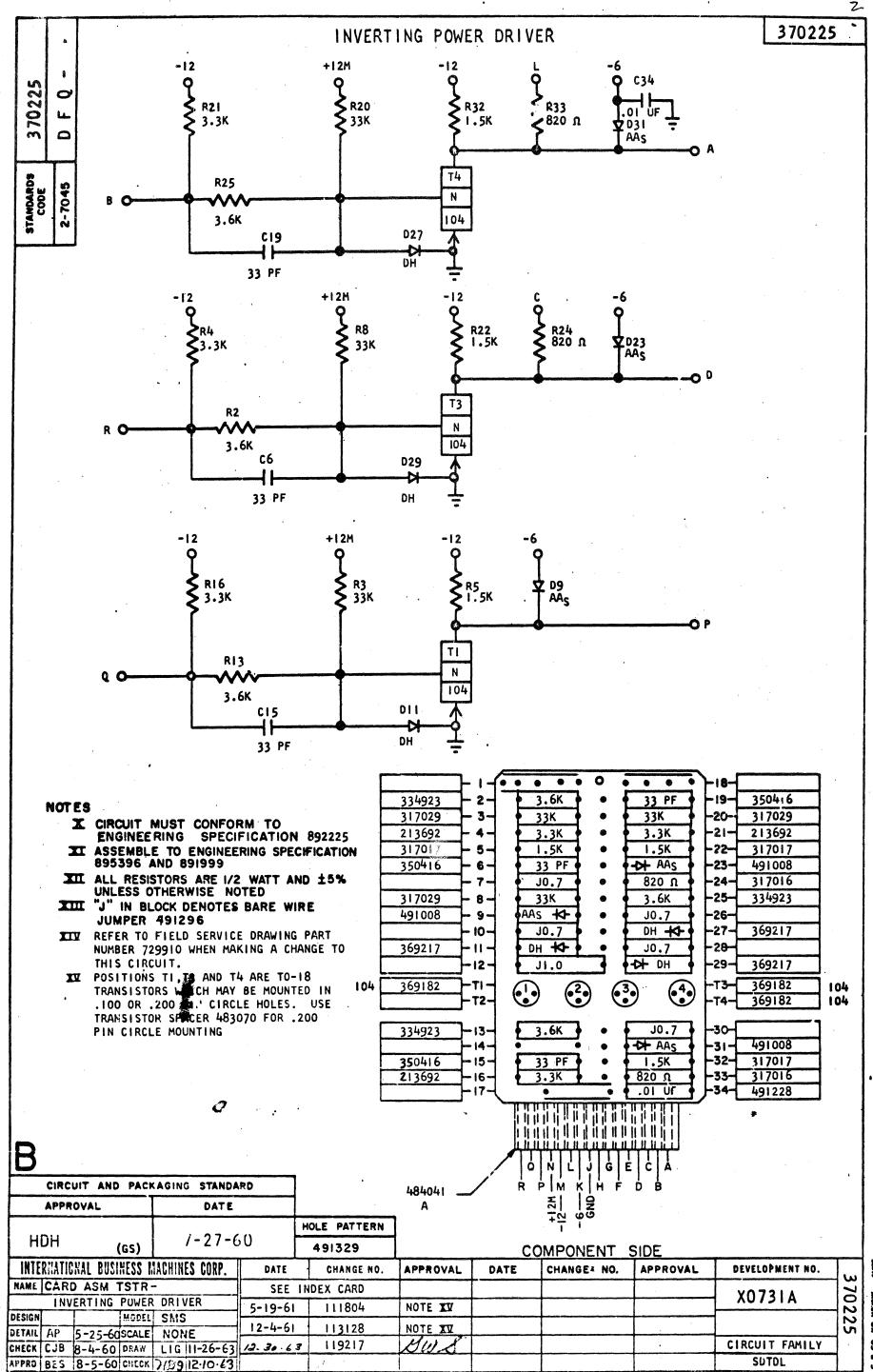
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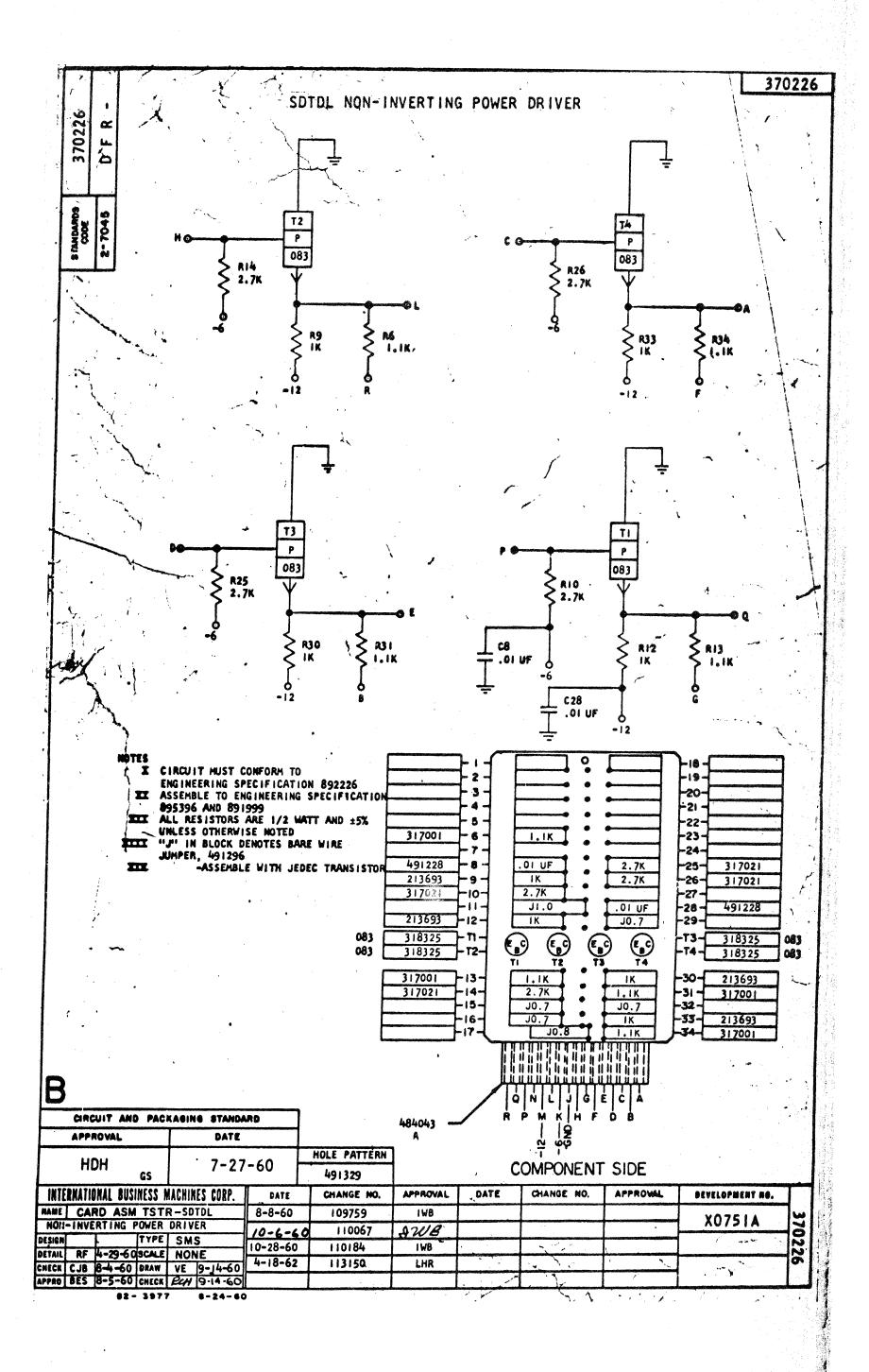


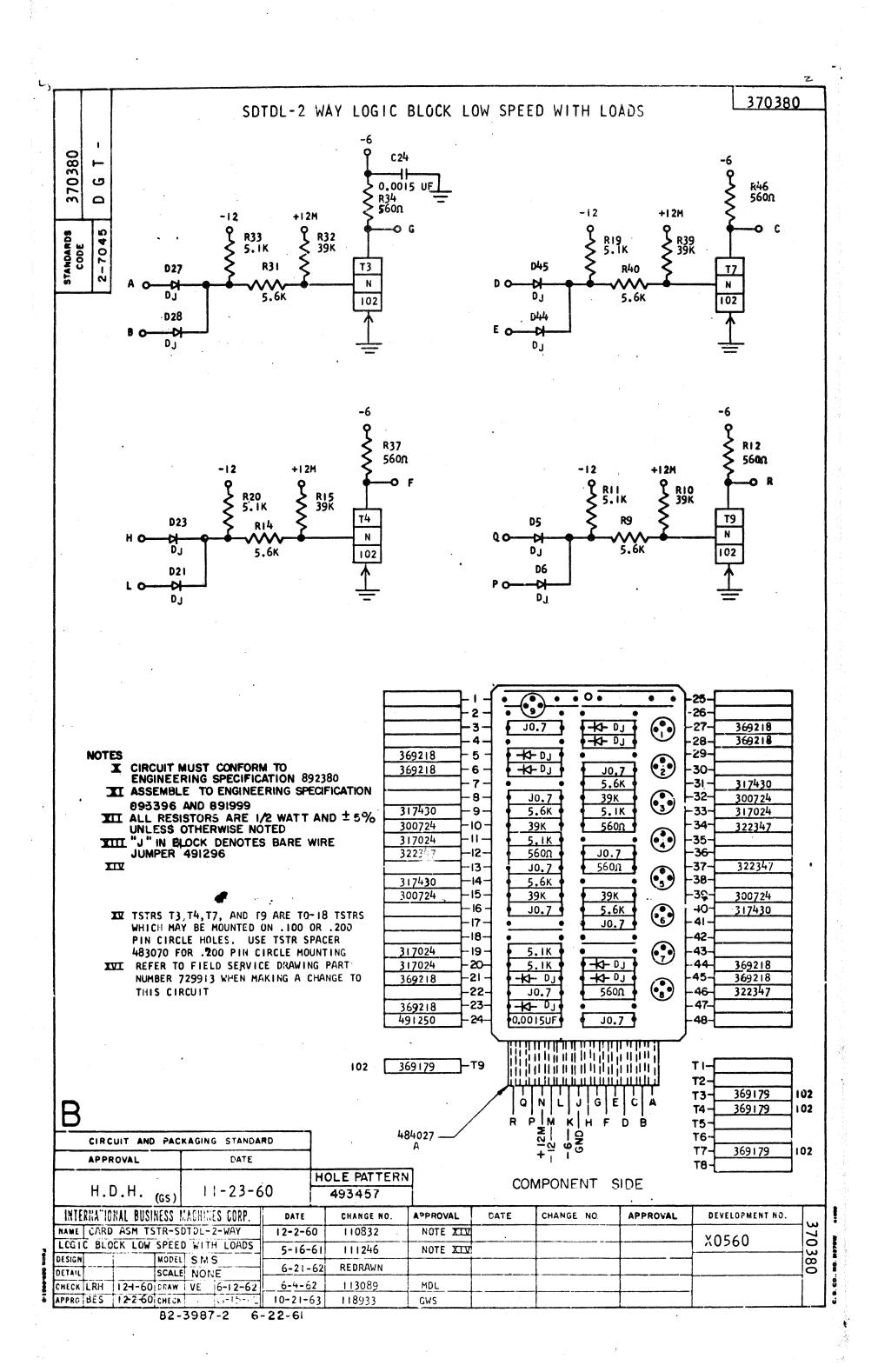


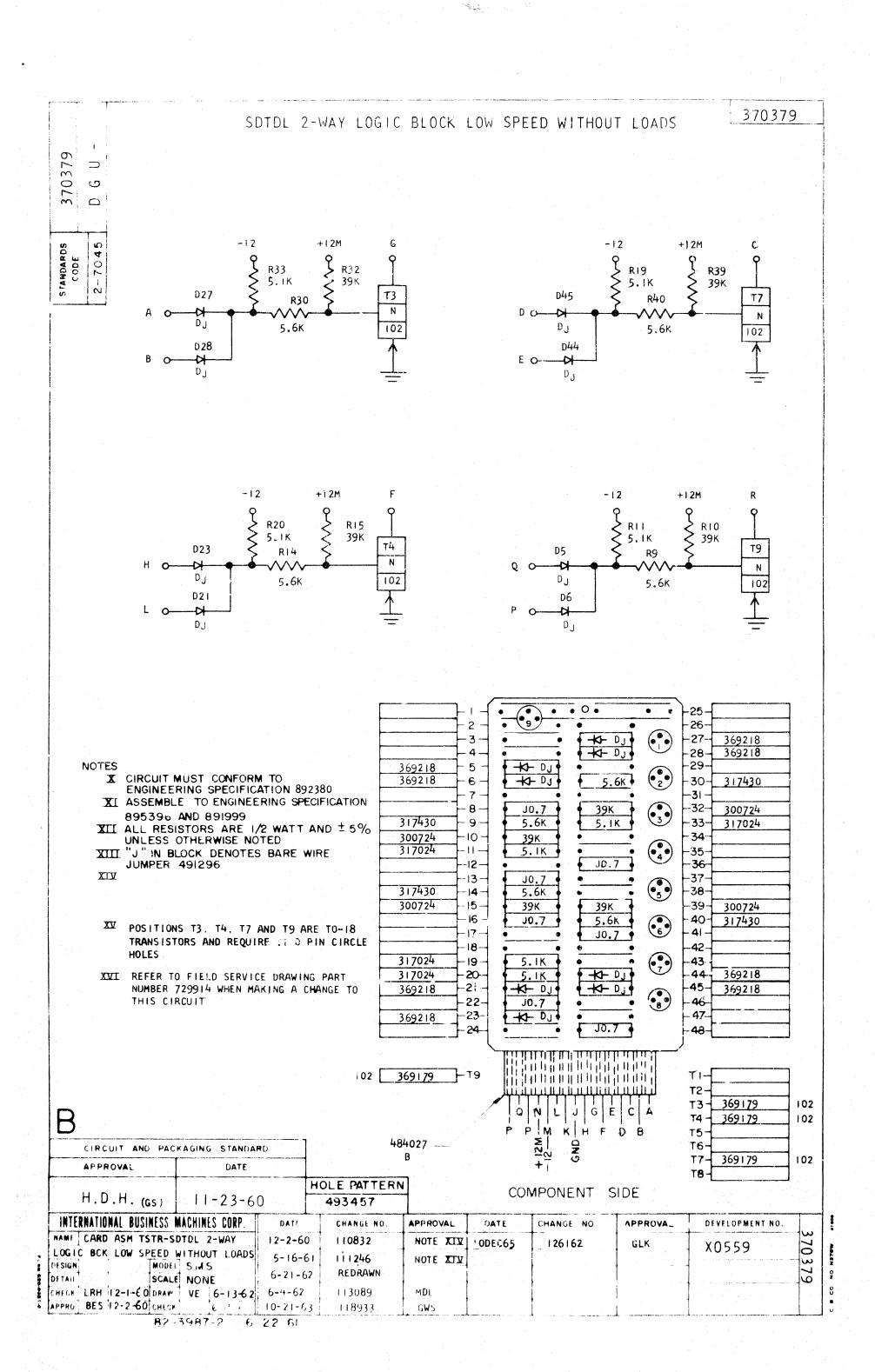
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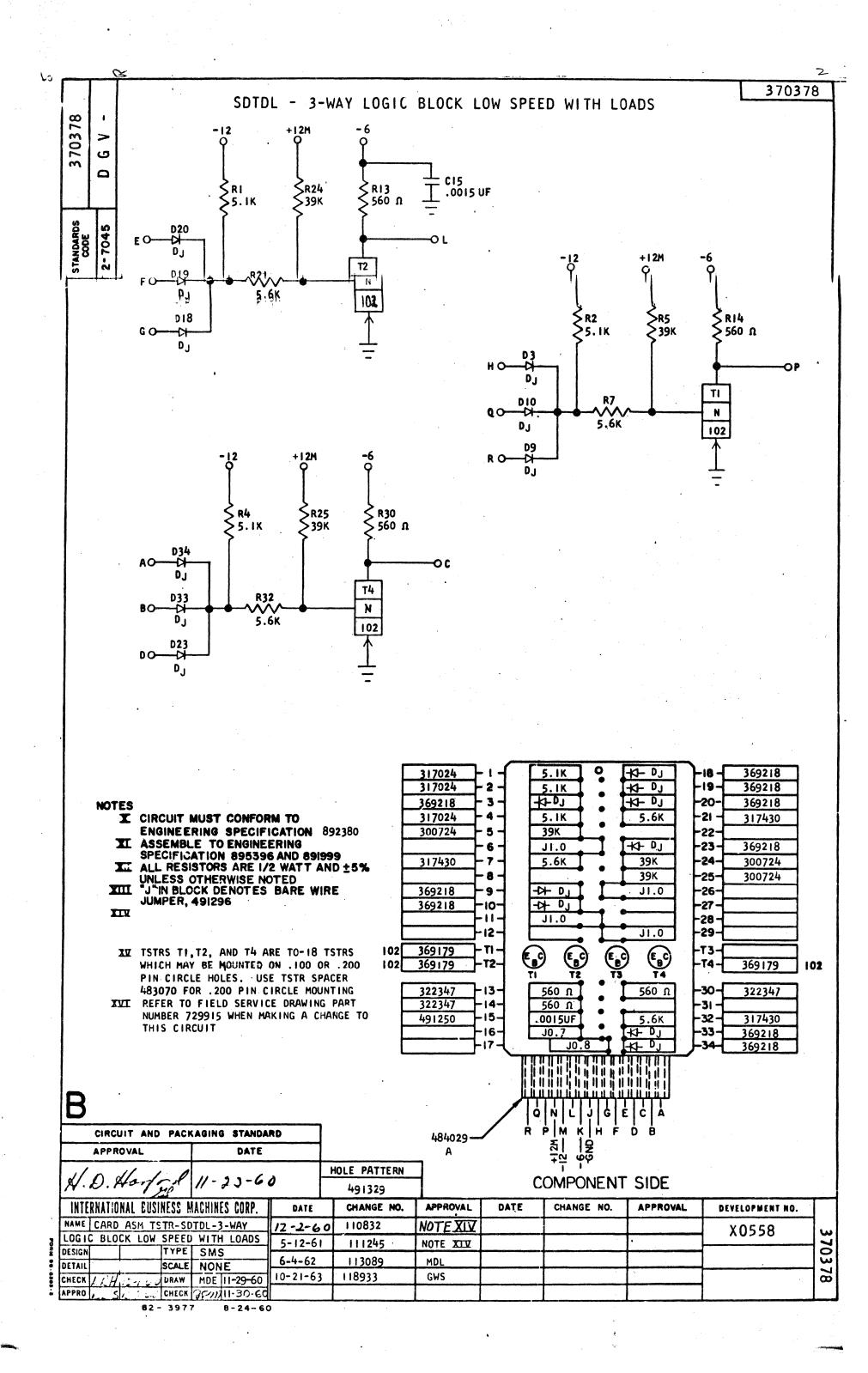
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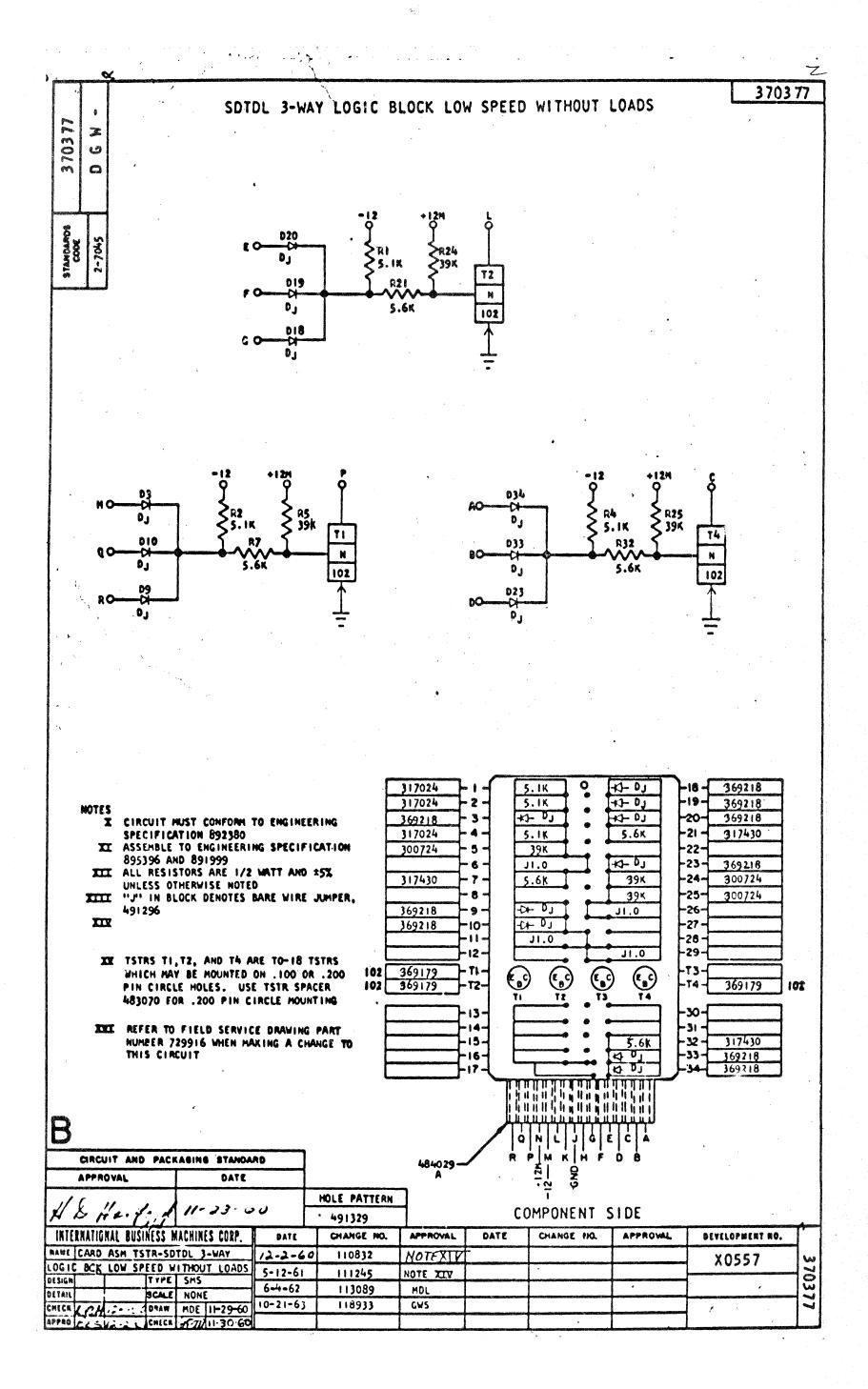
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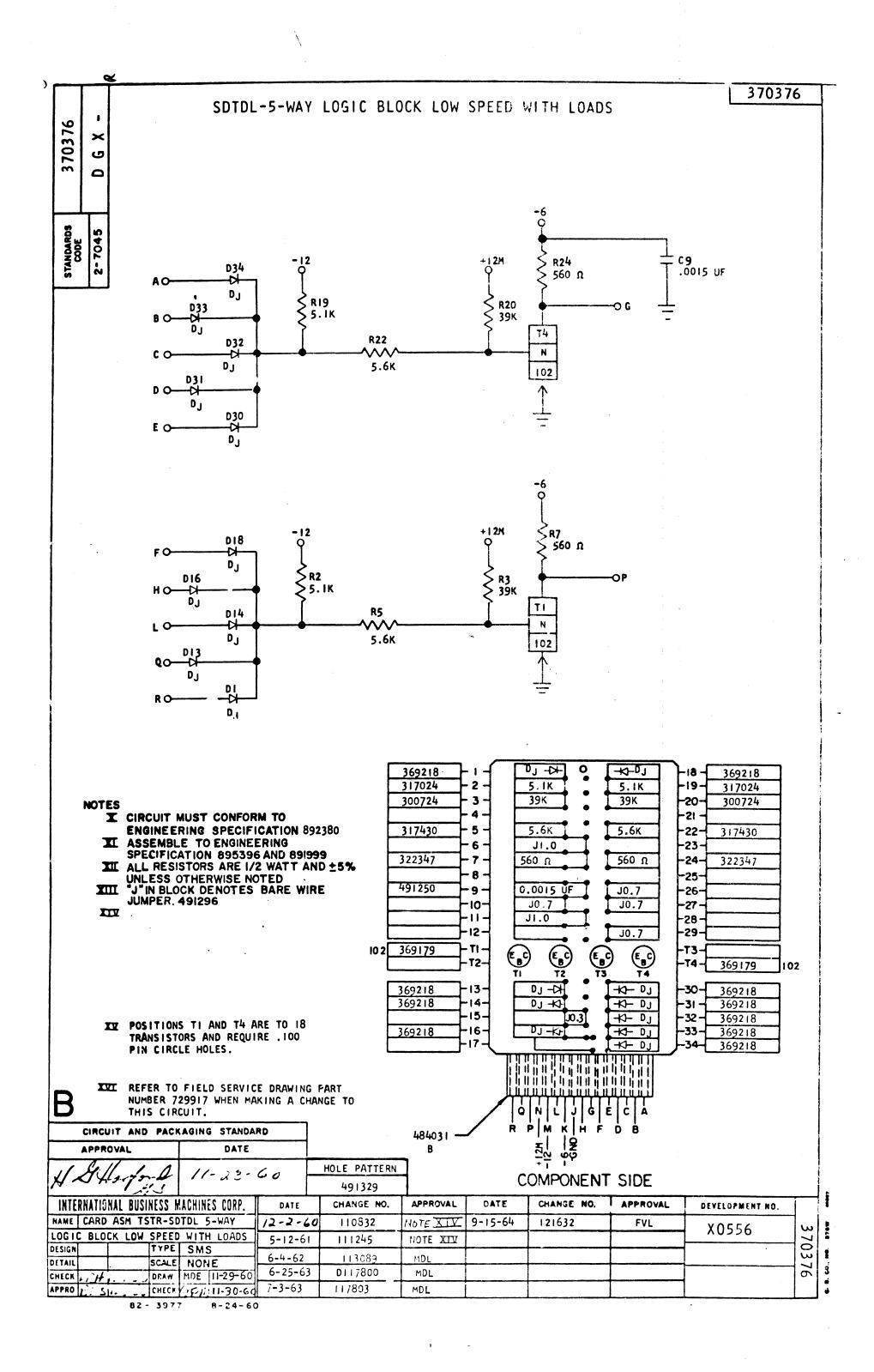


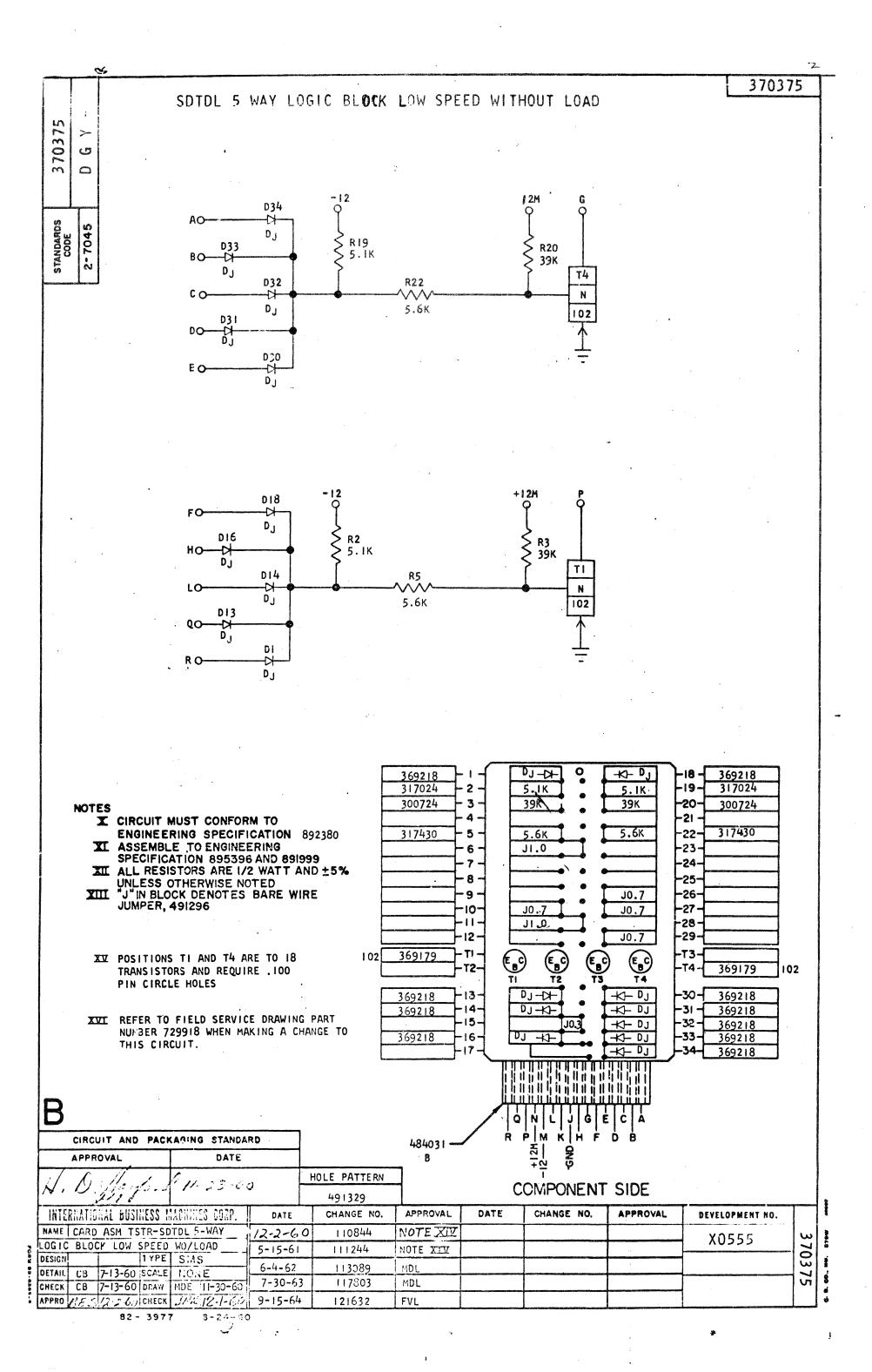


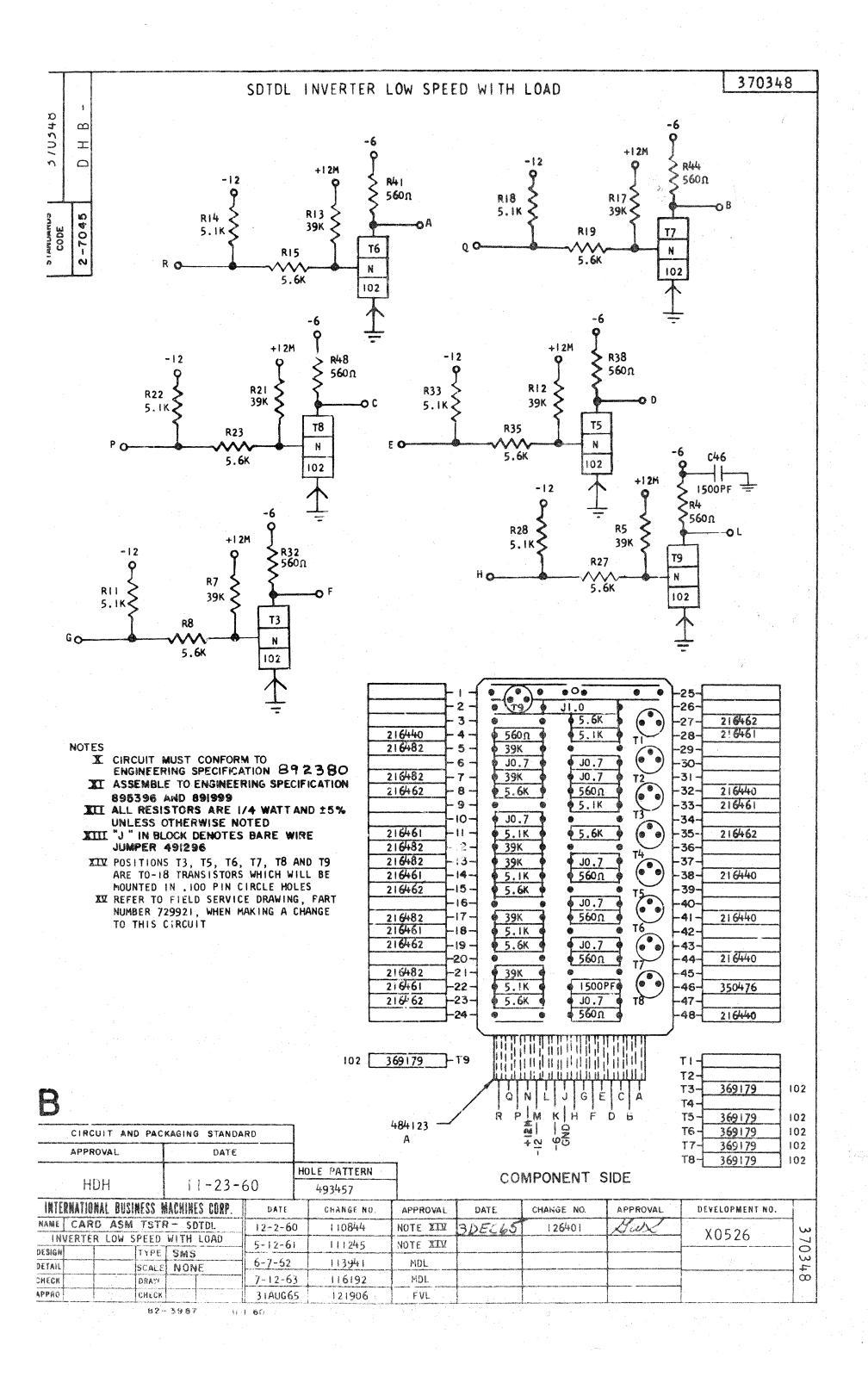


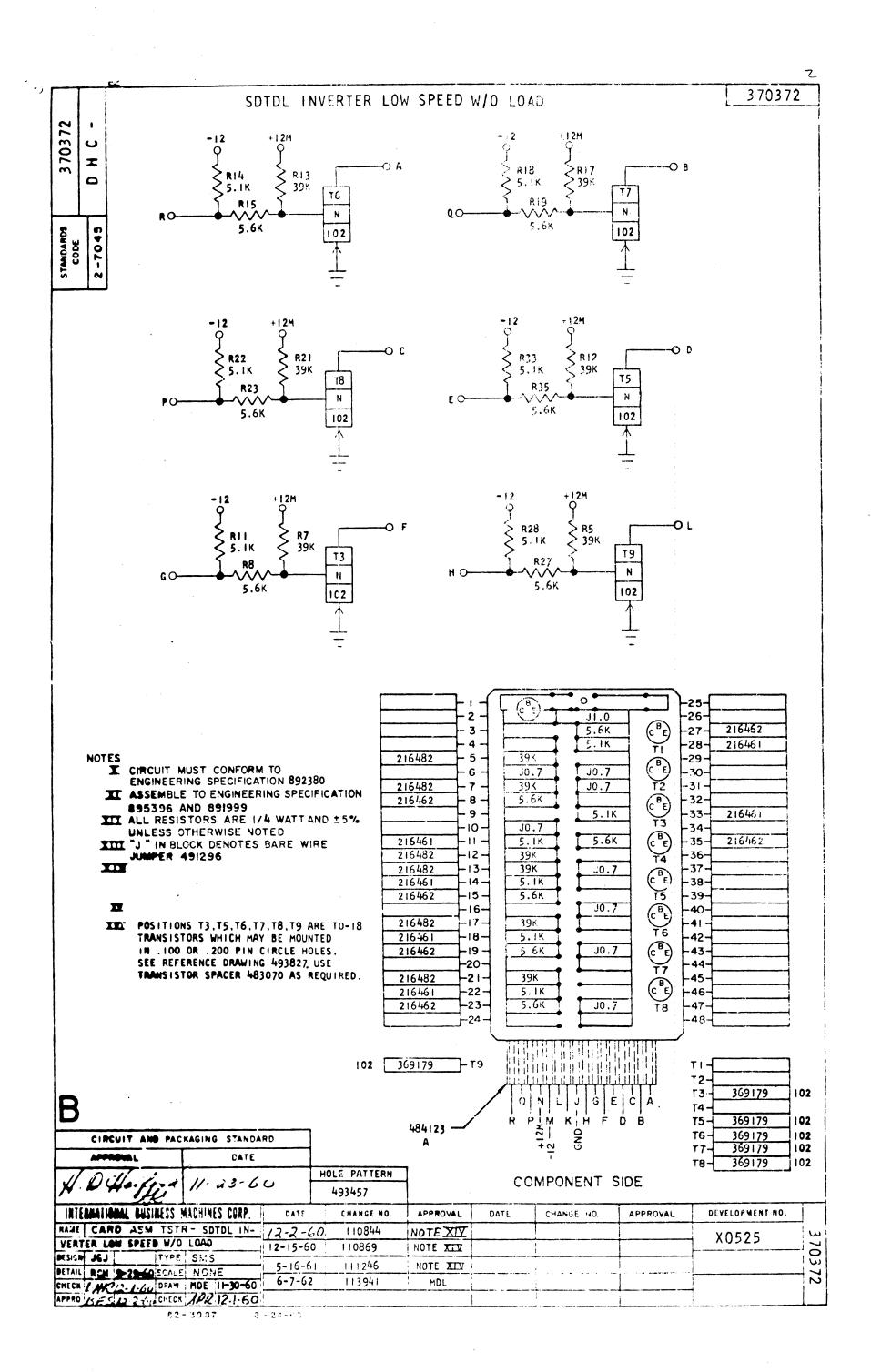


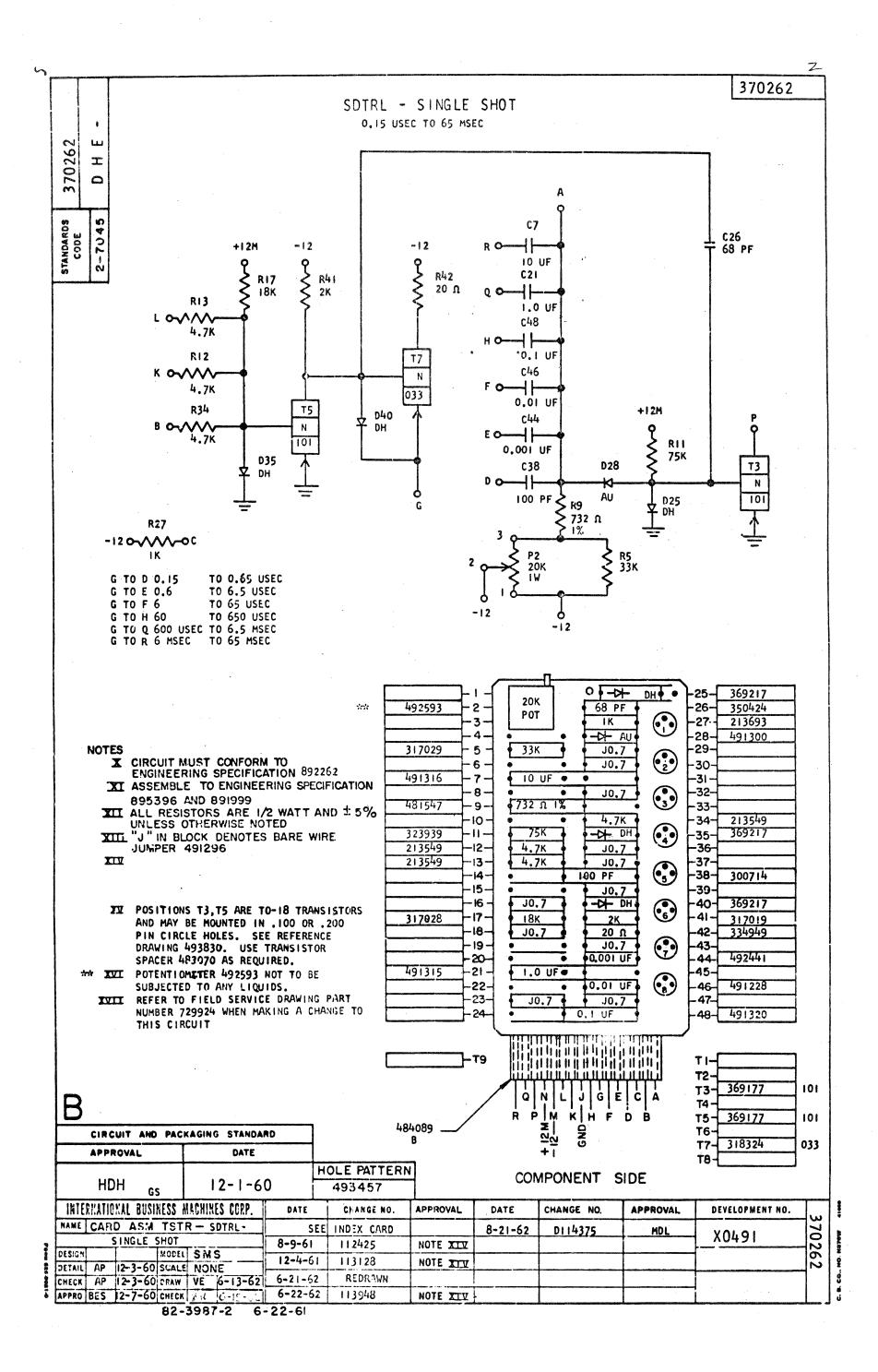


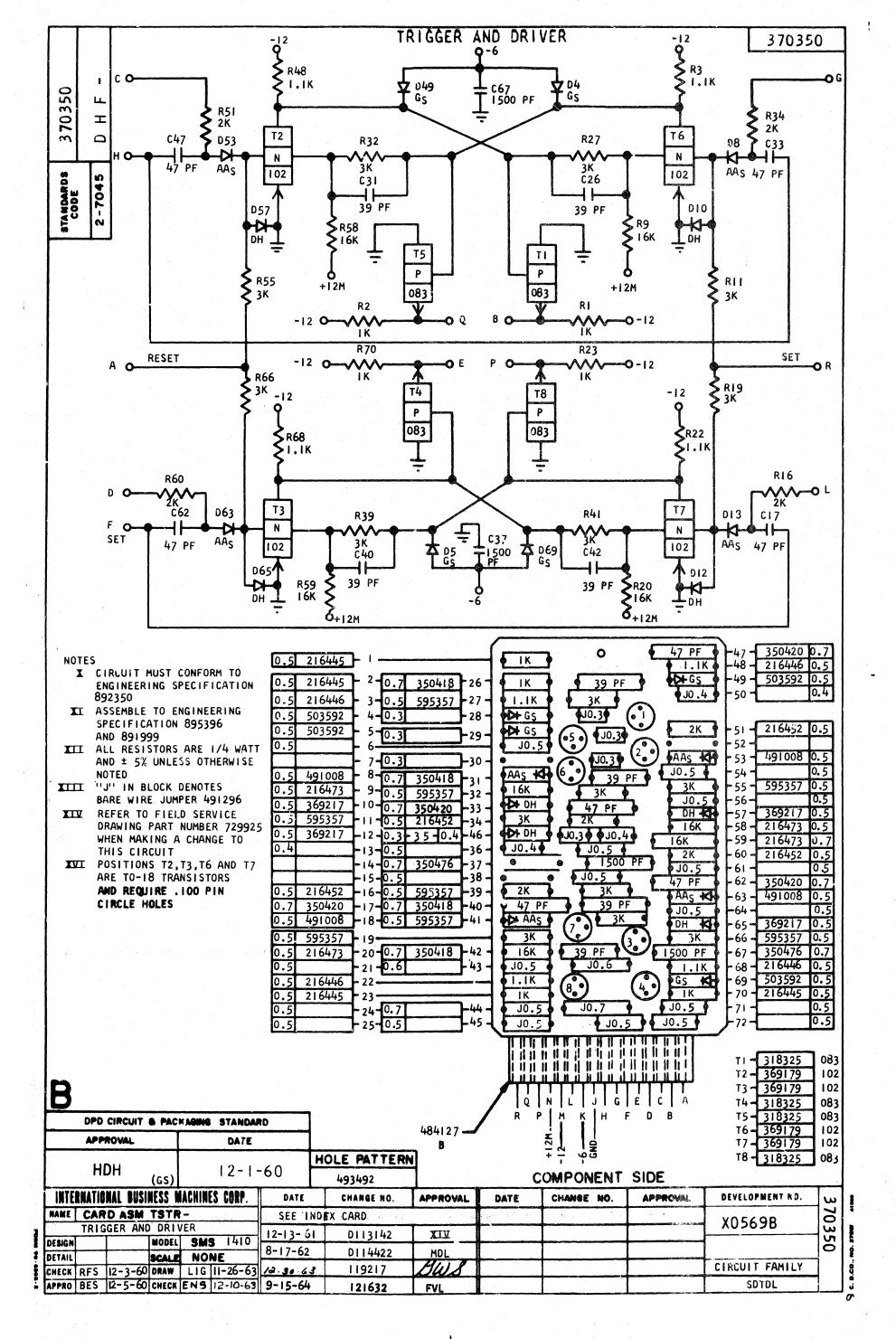


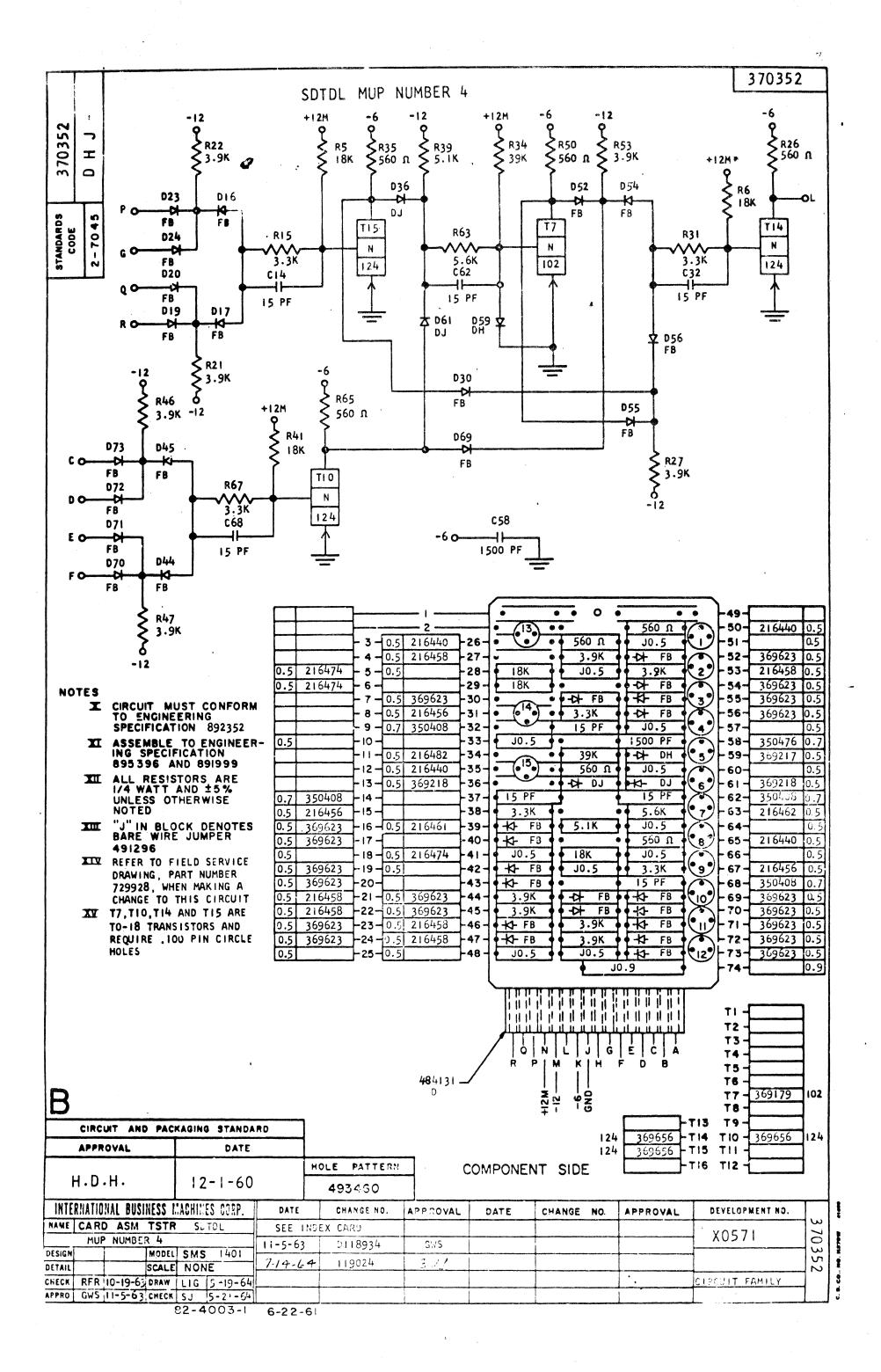


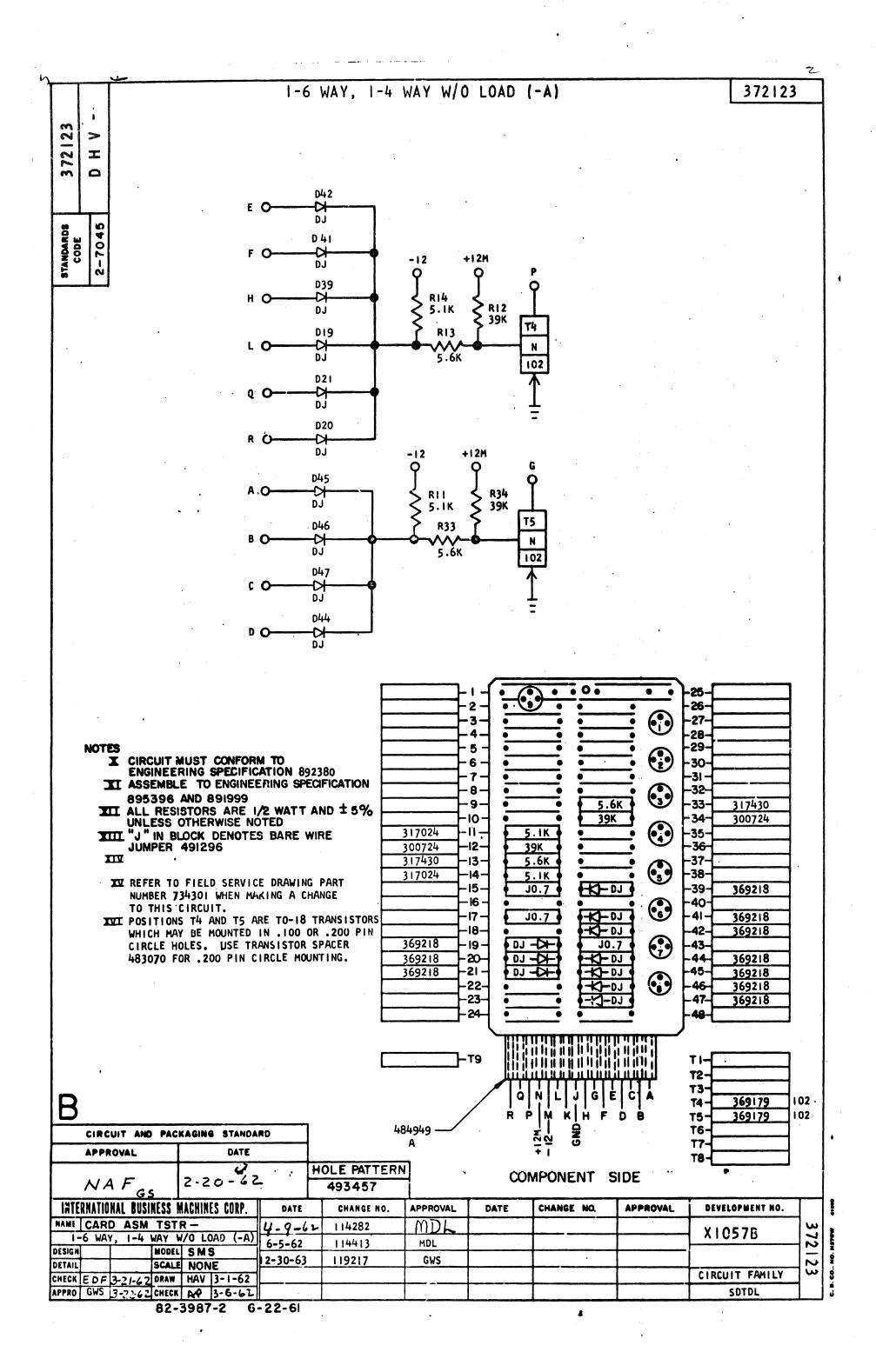


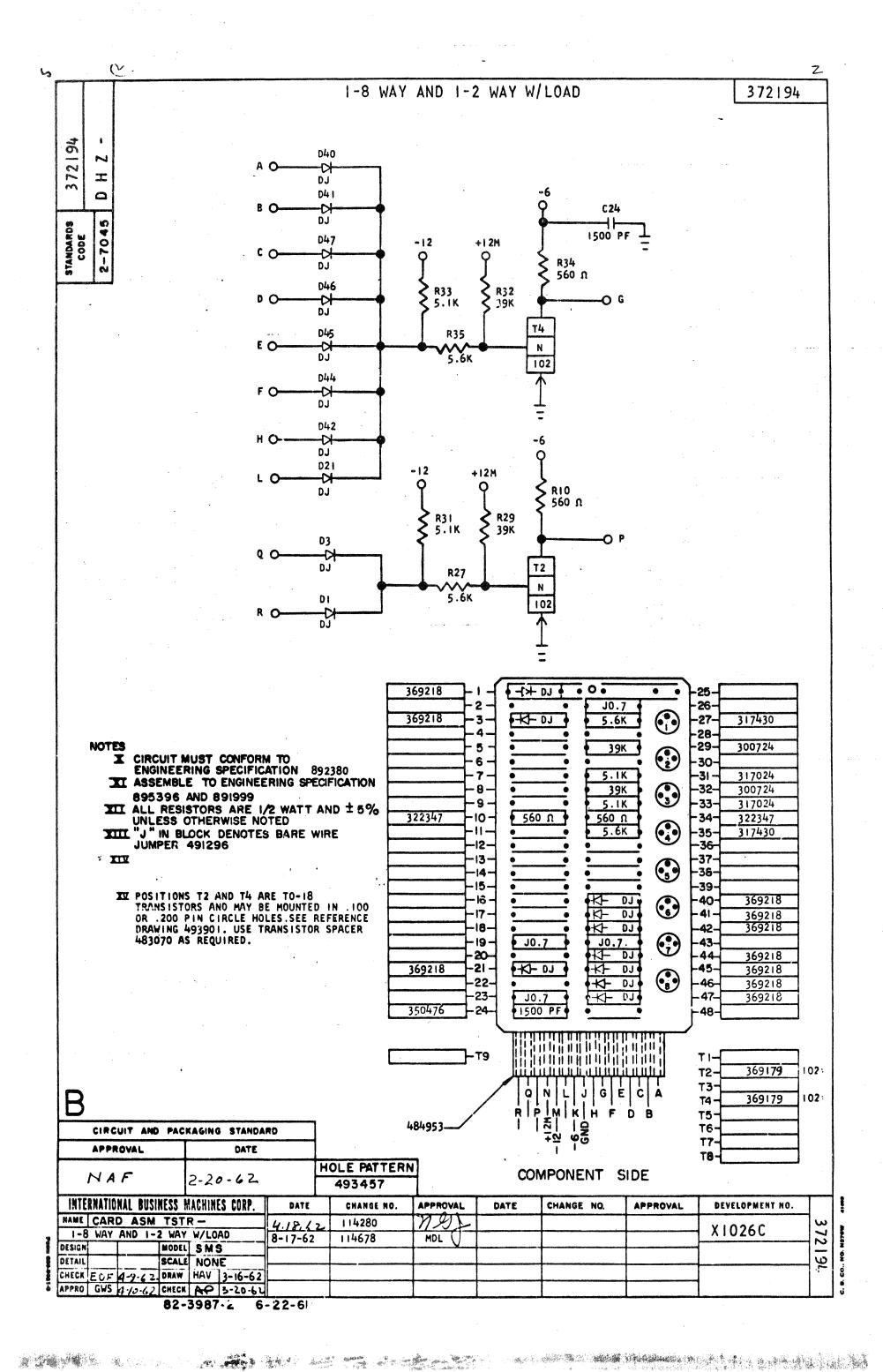












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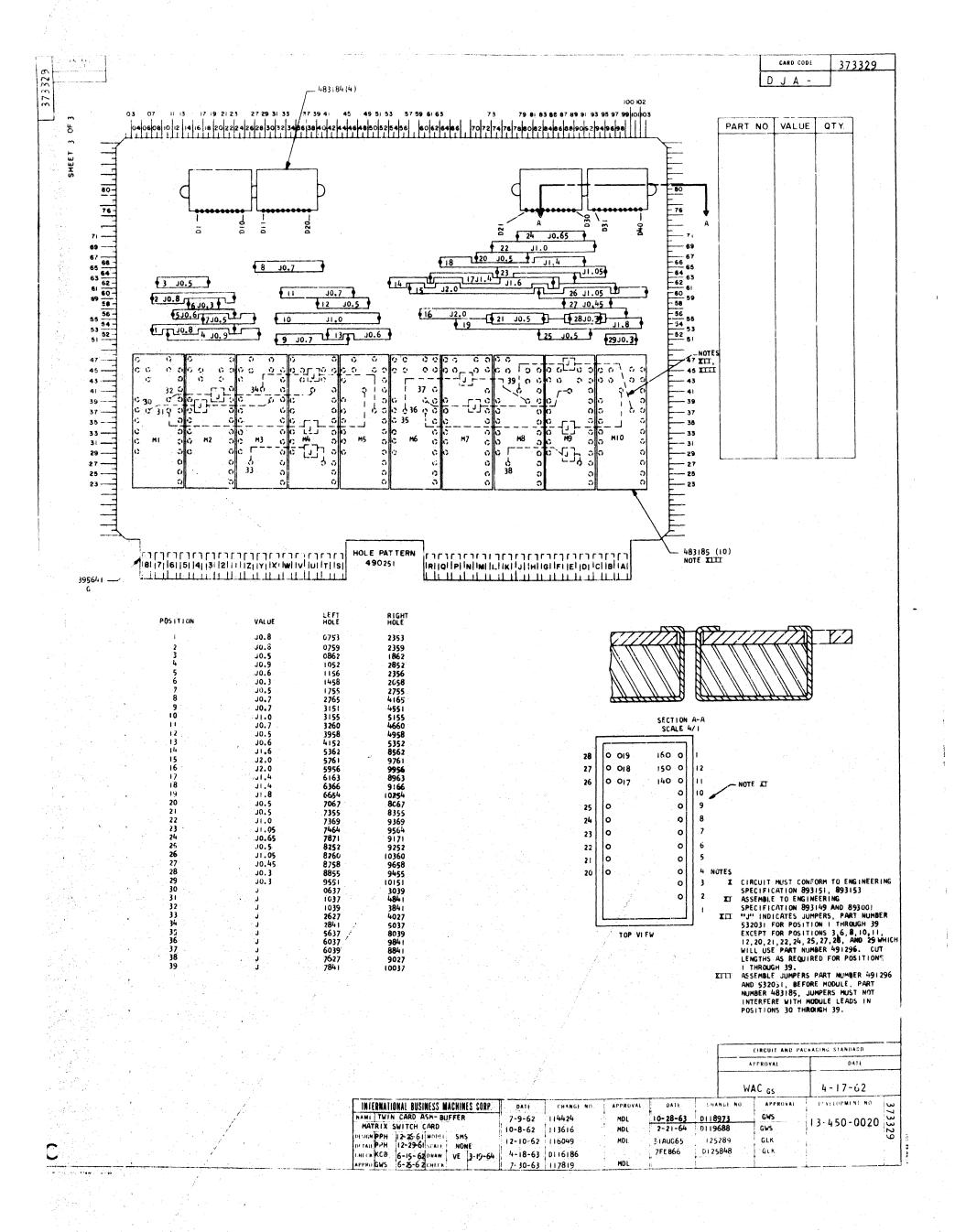
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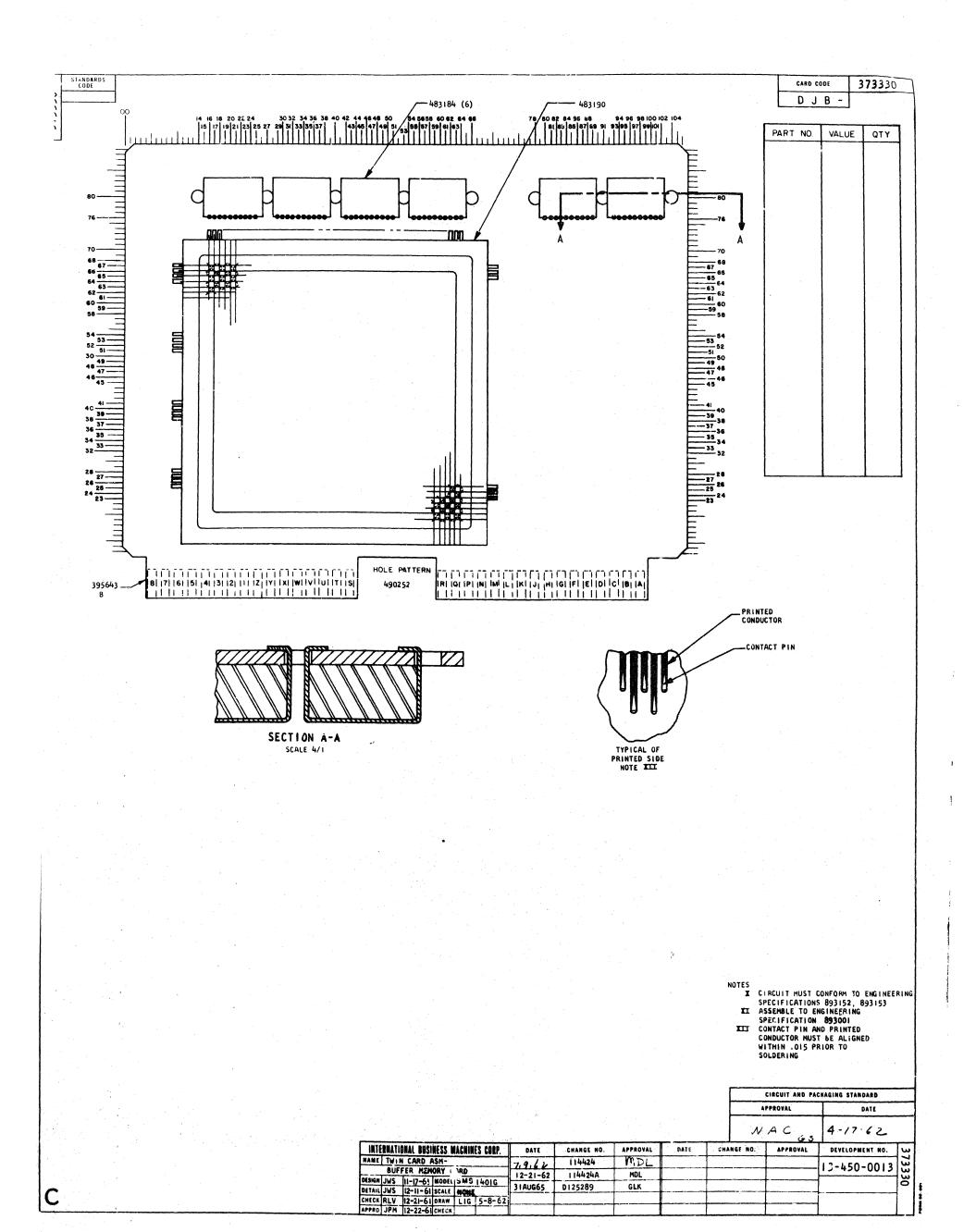
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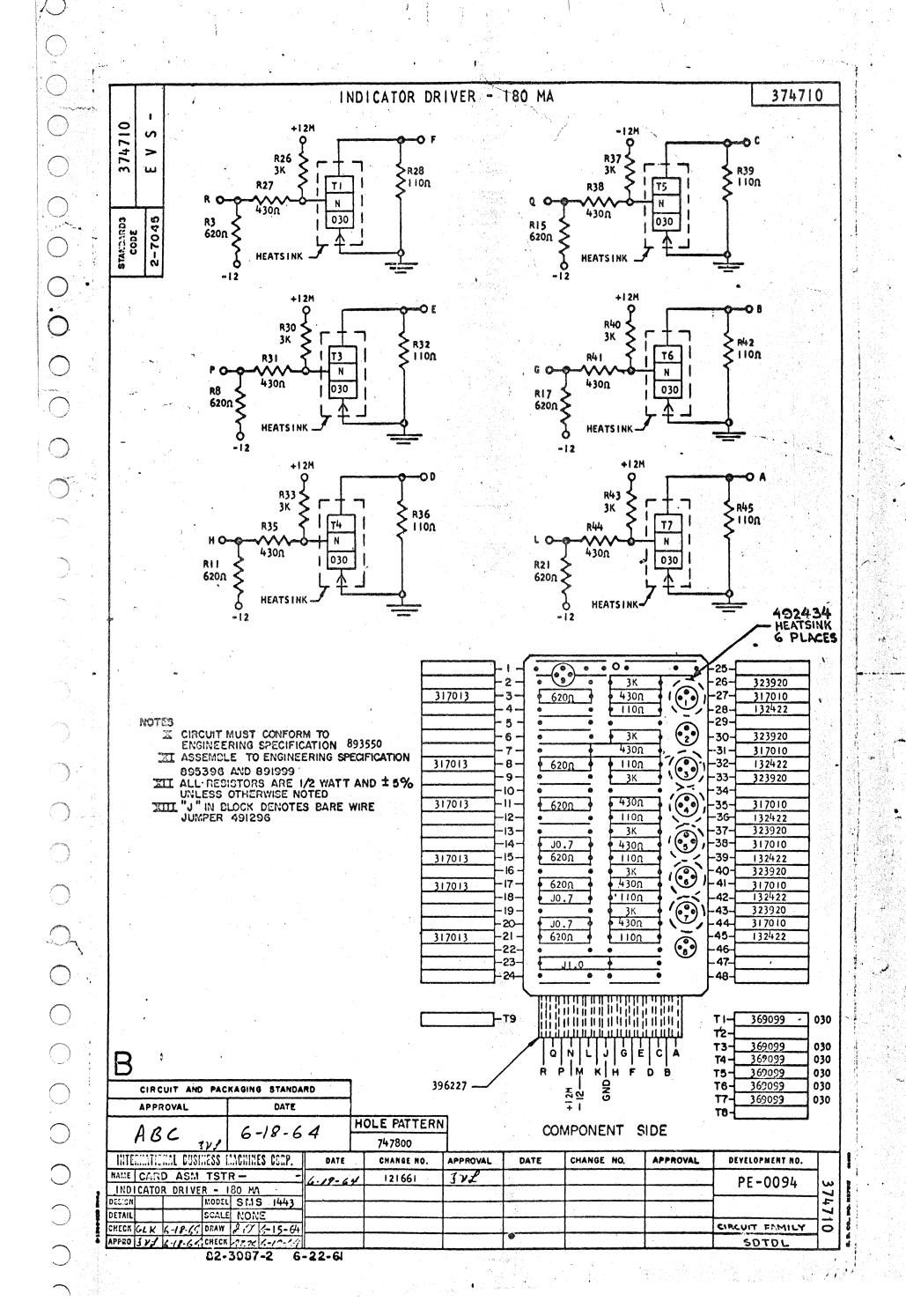
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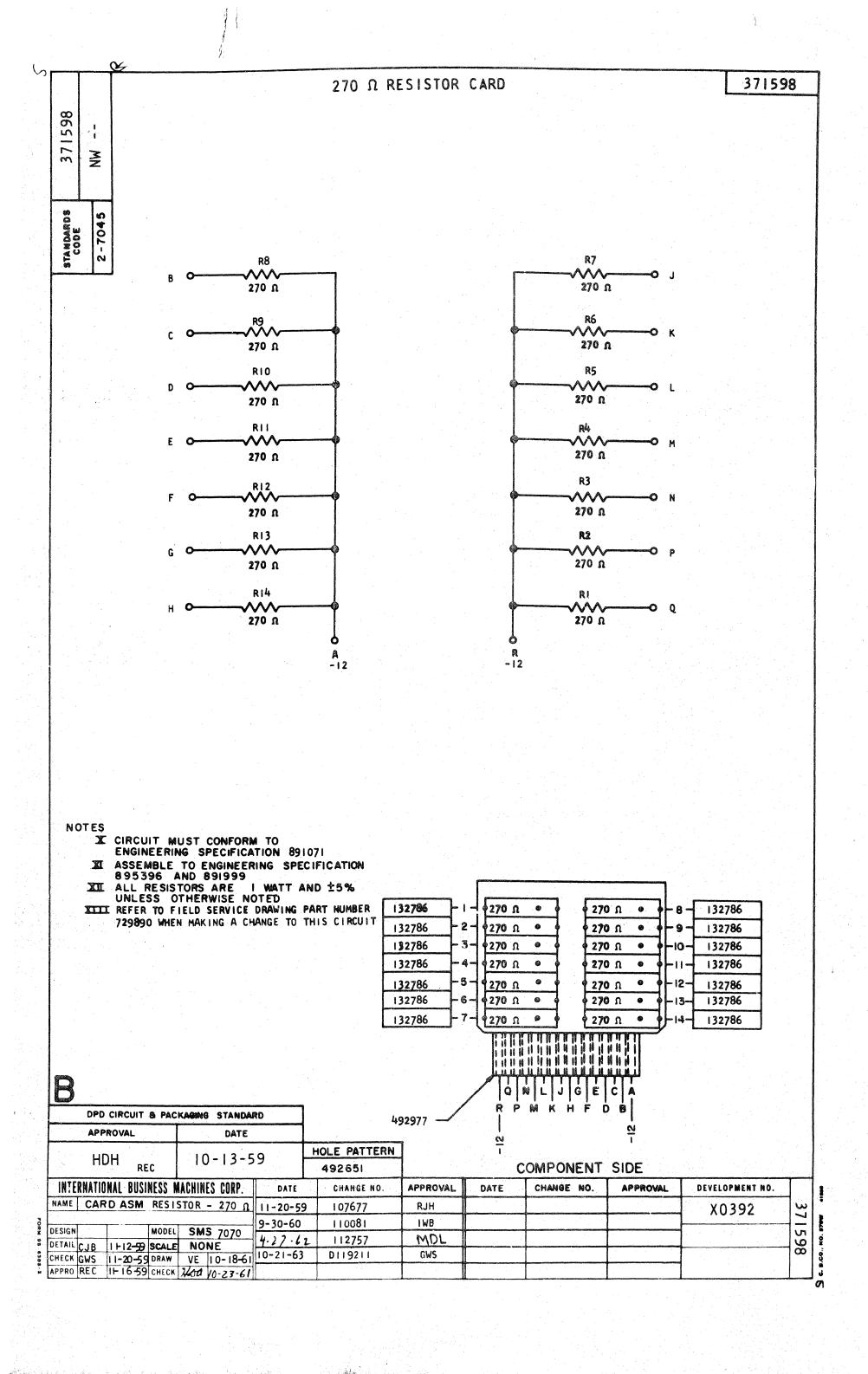
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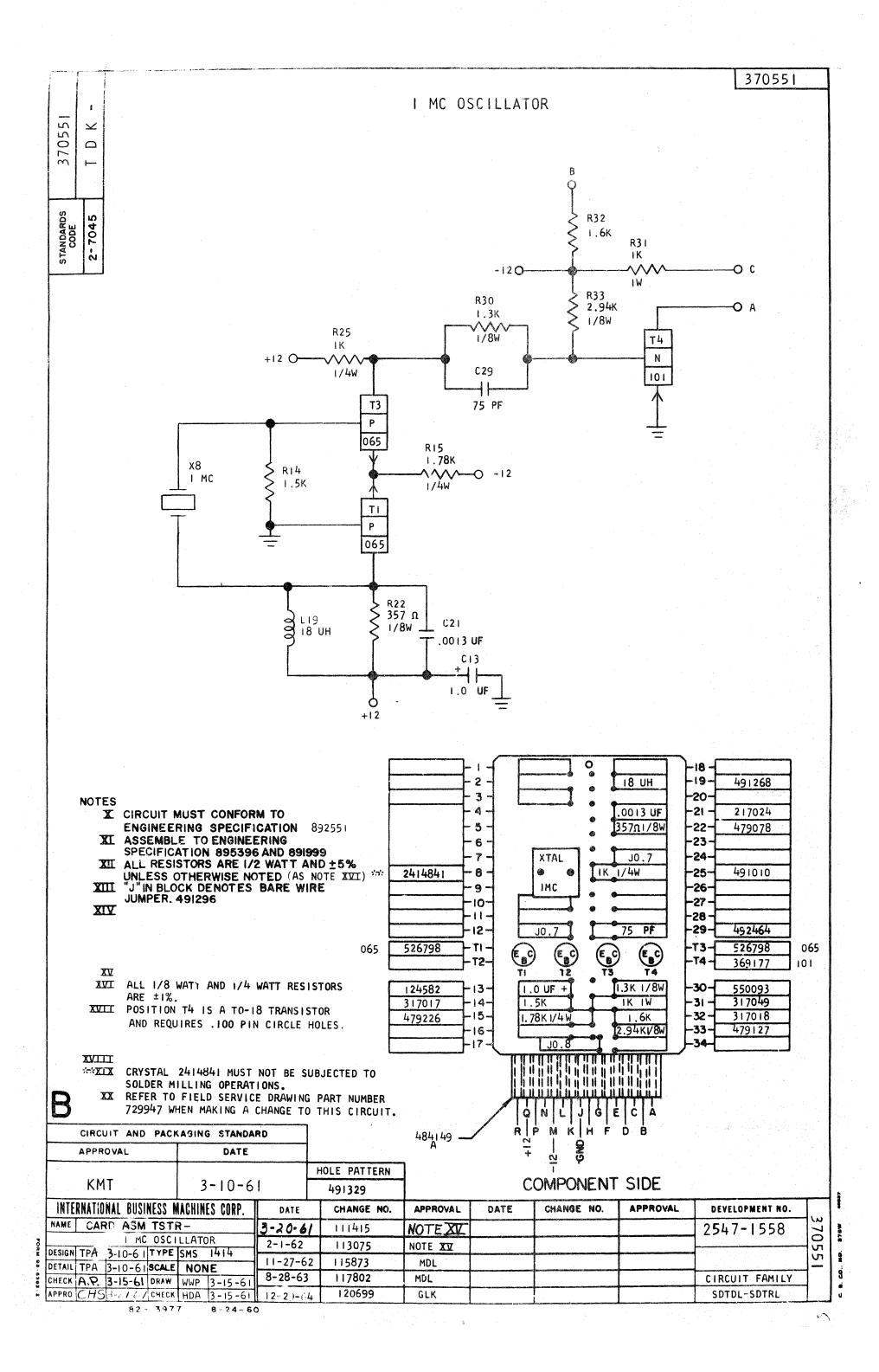
C. B. CO., NO. 374W

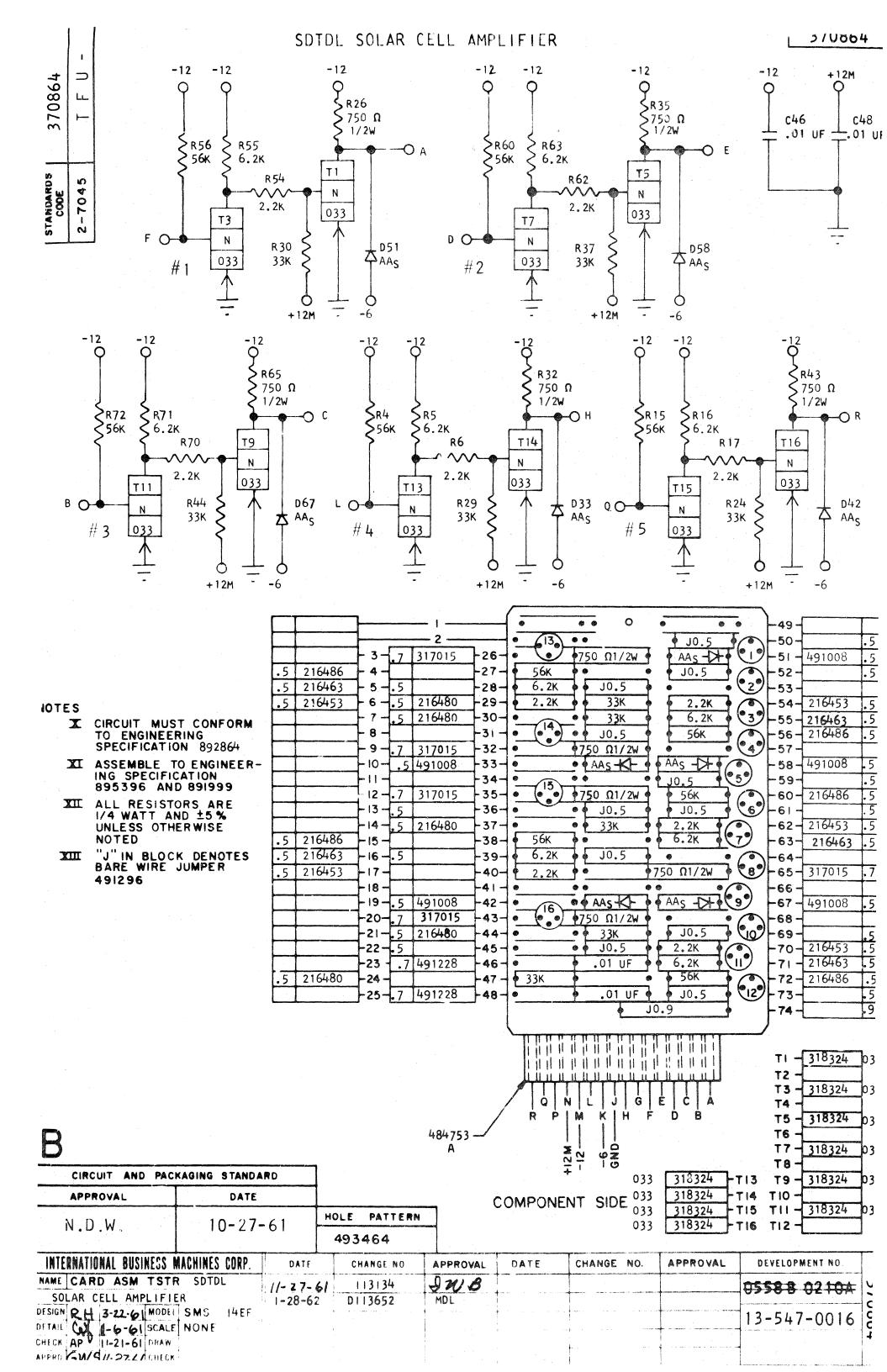


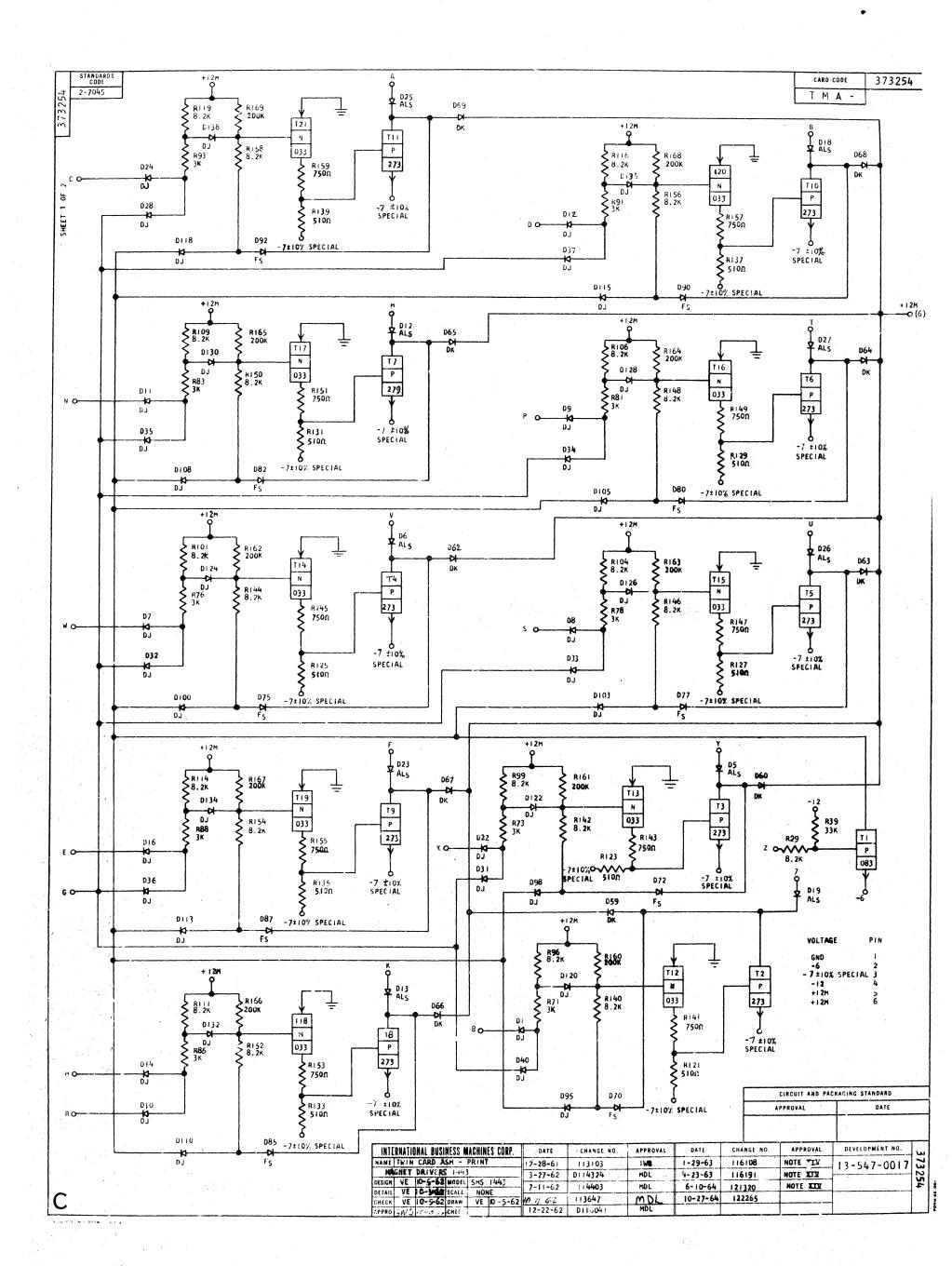


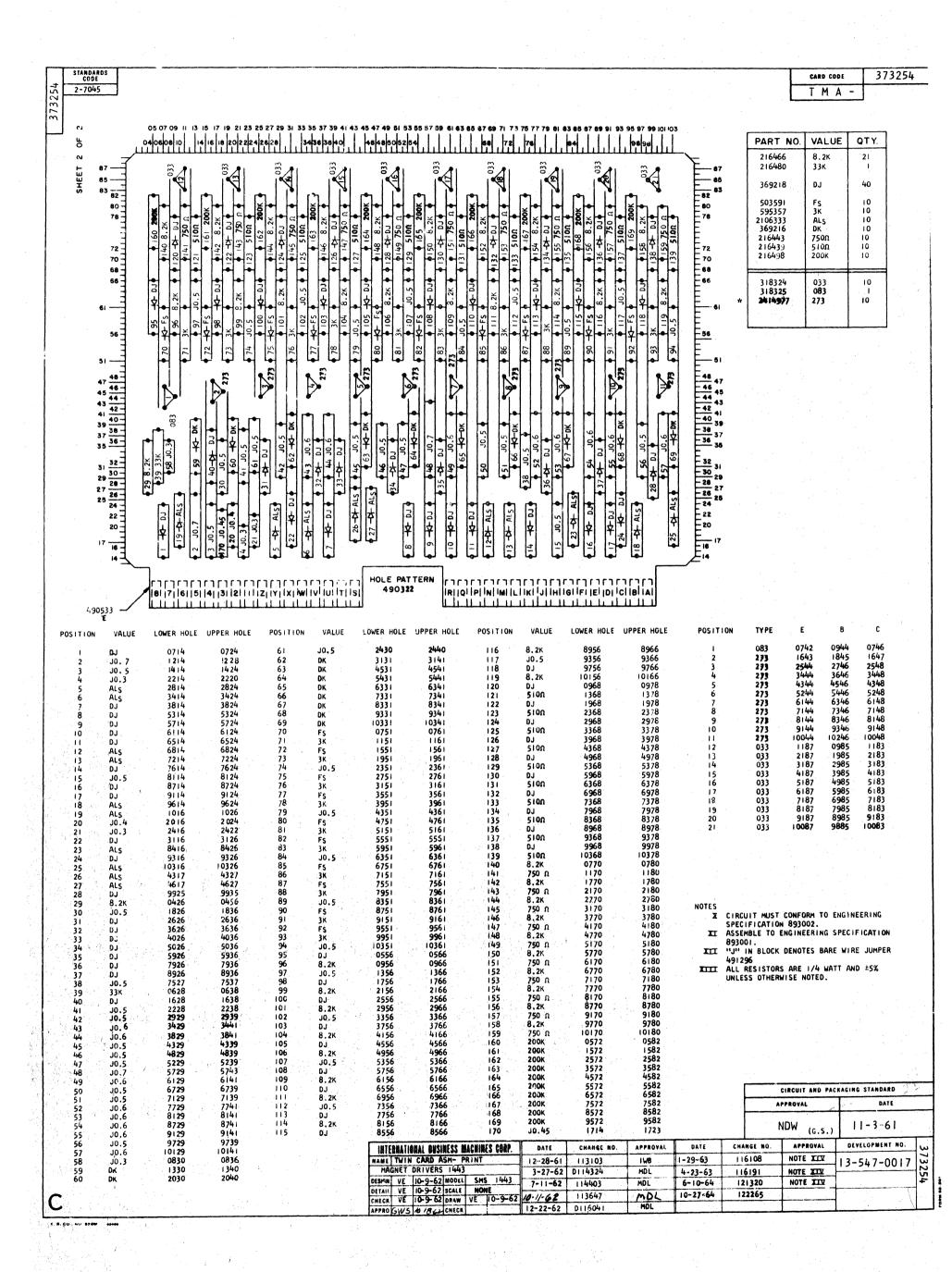


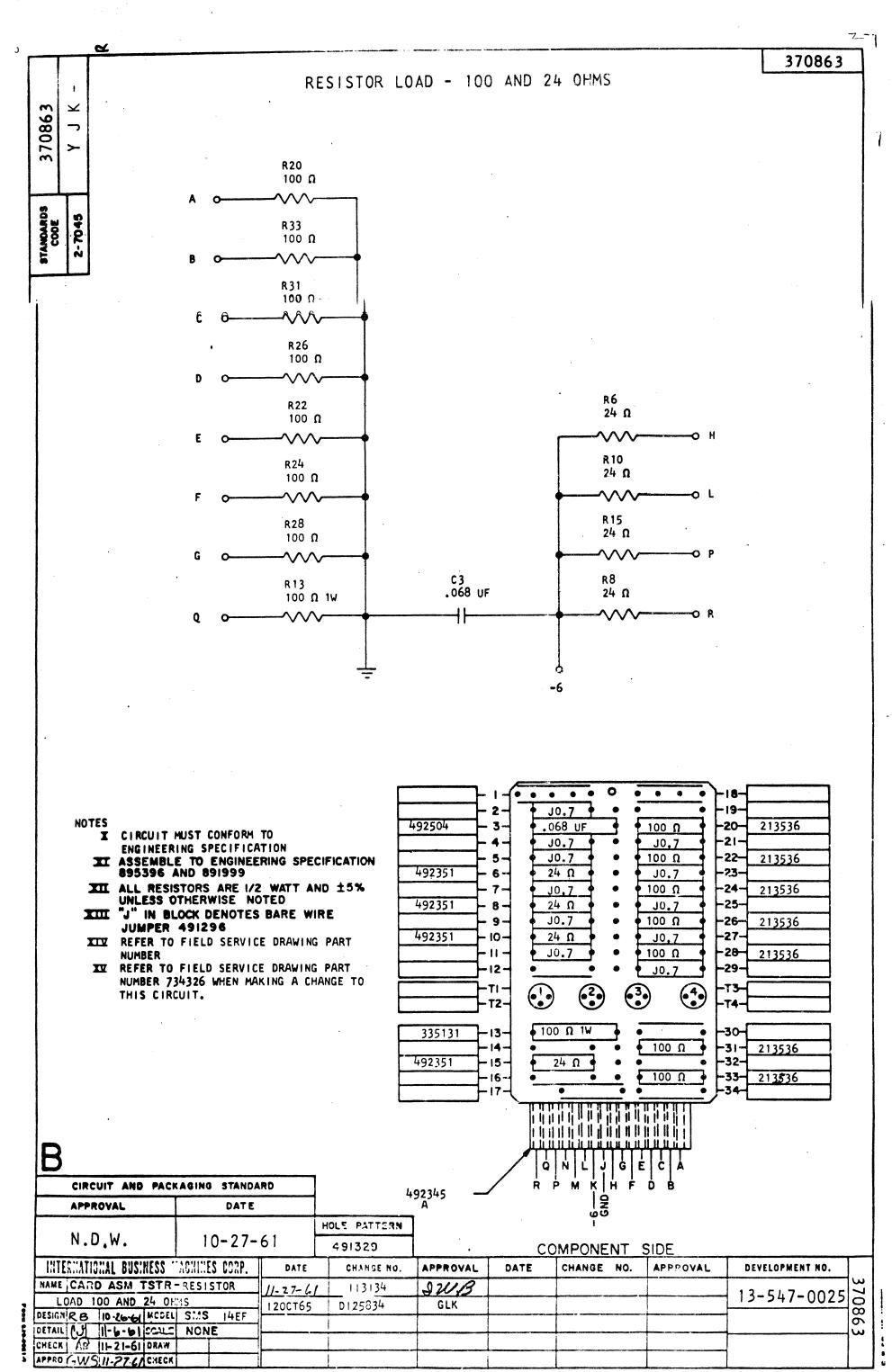




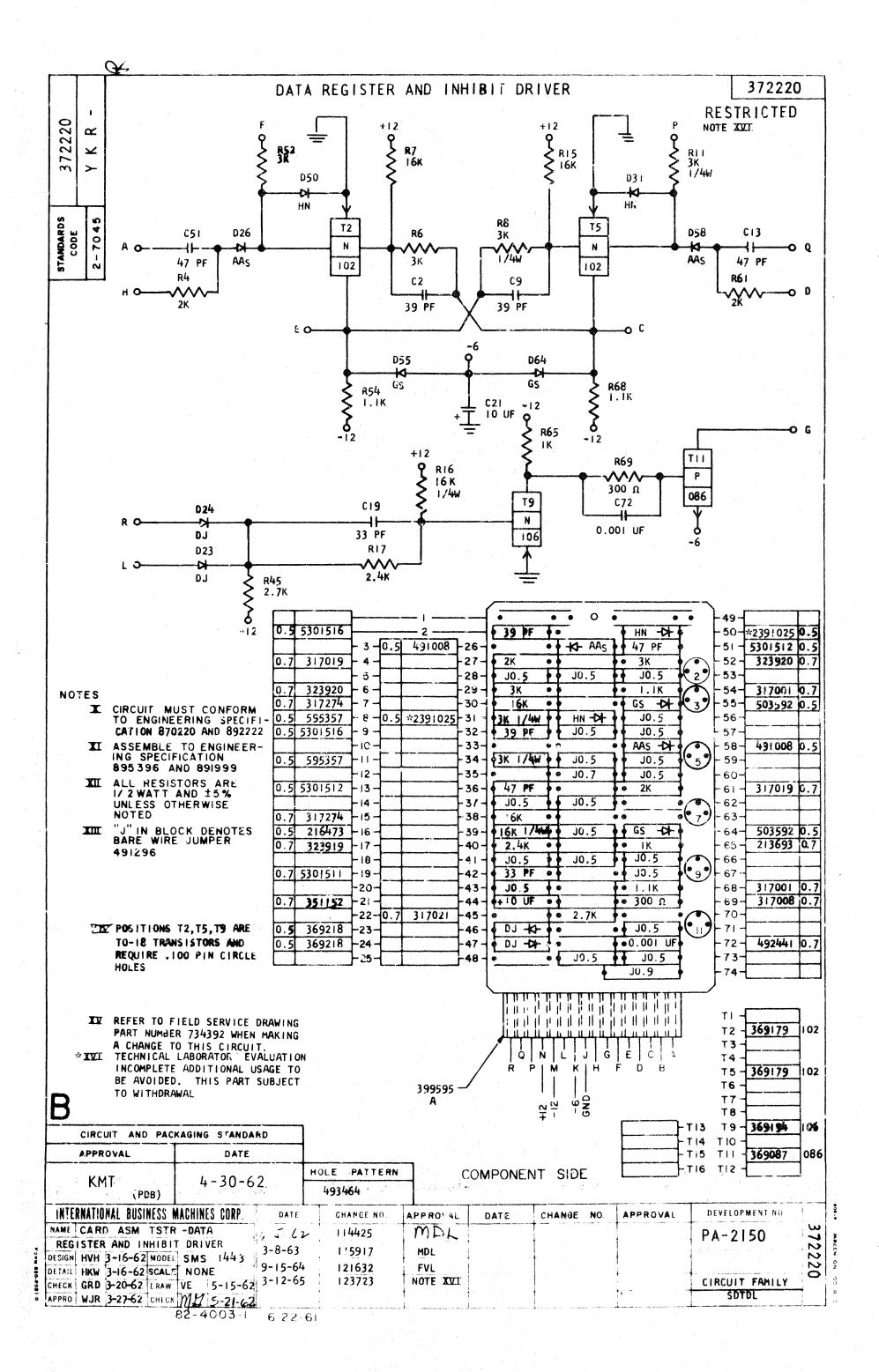


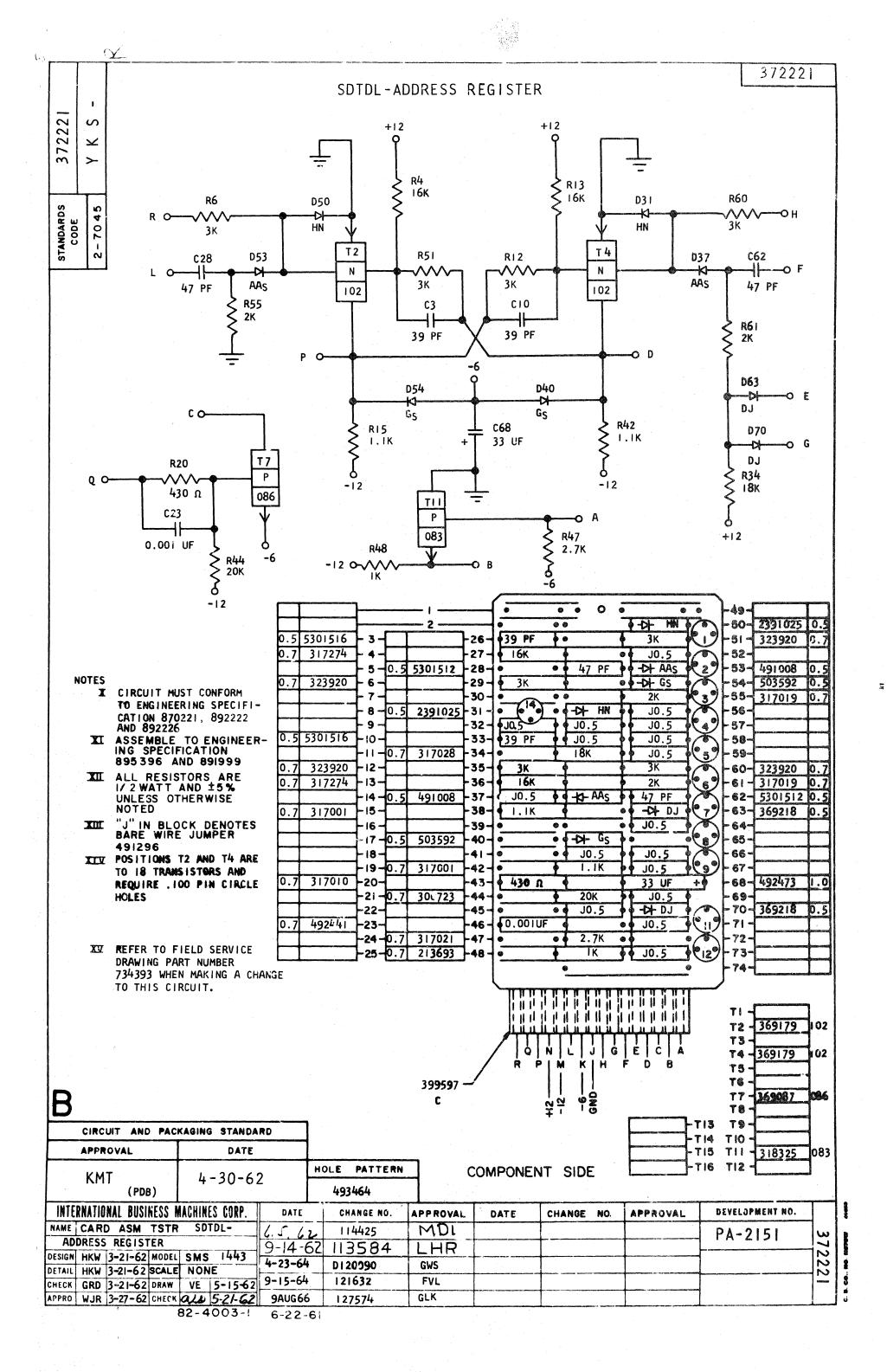


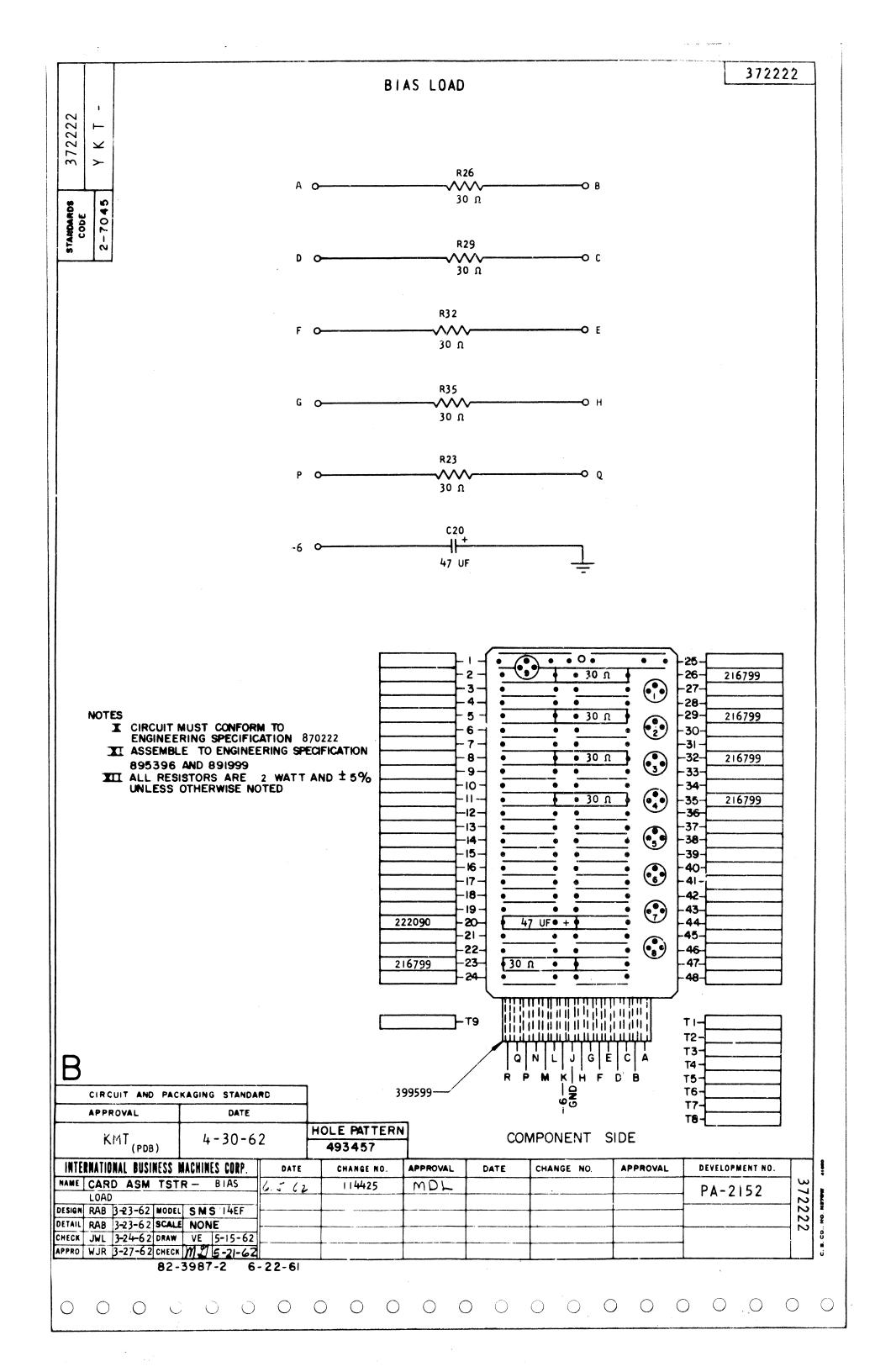


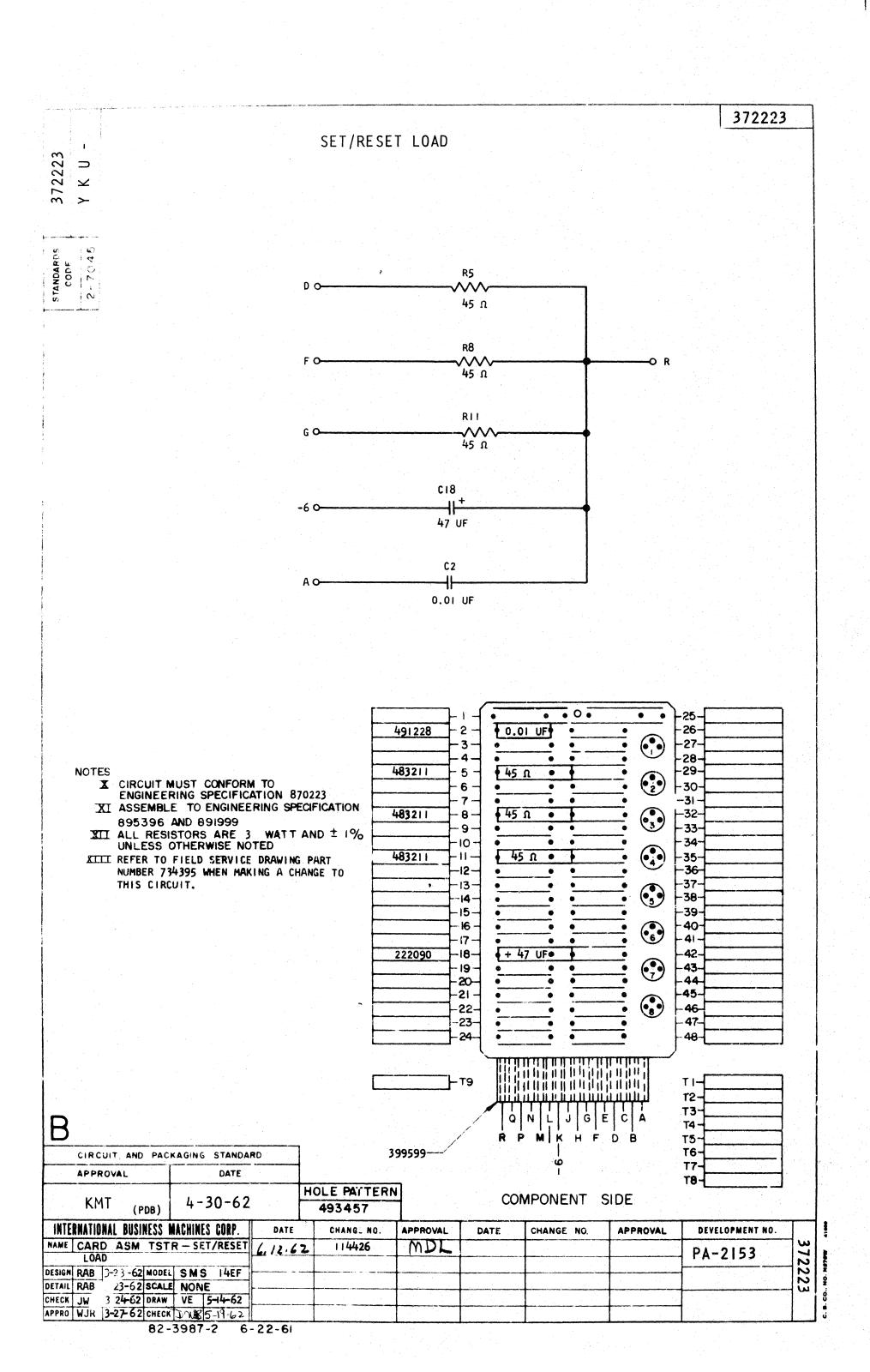


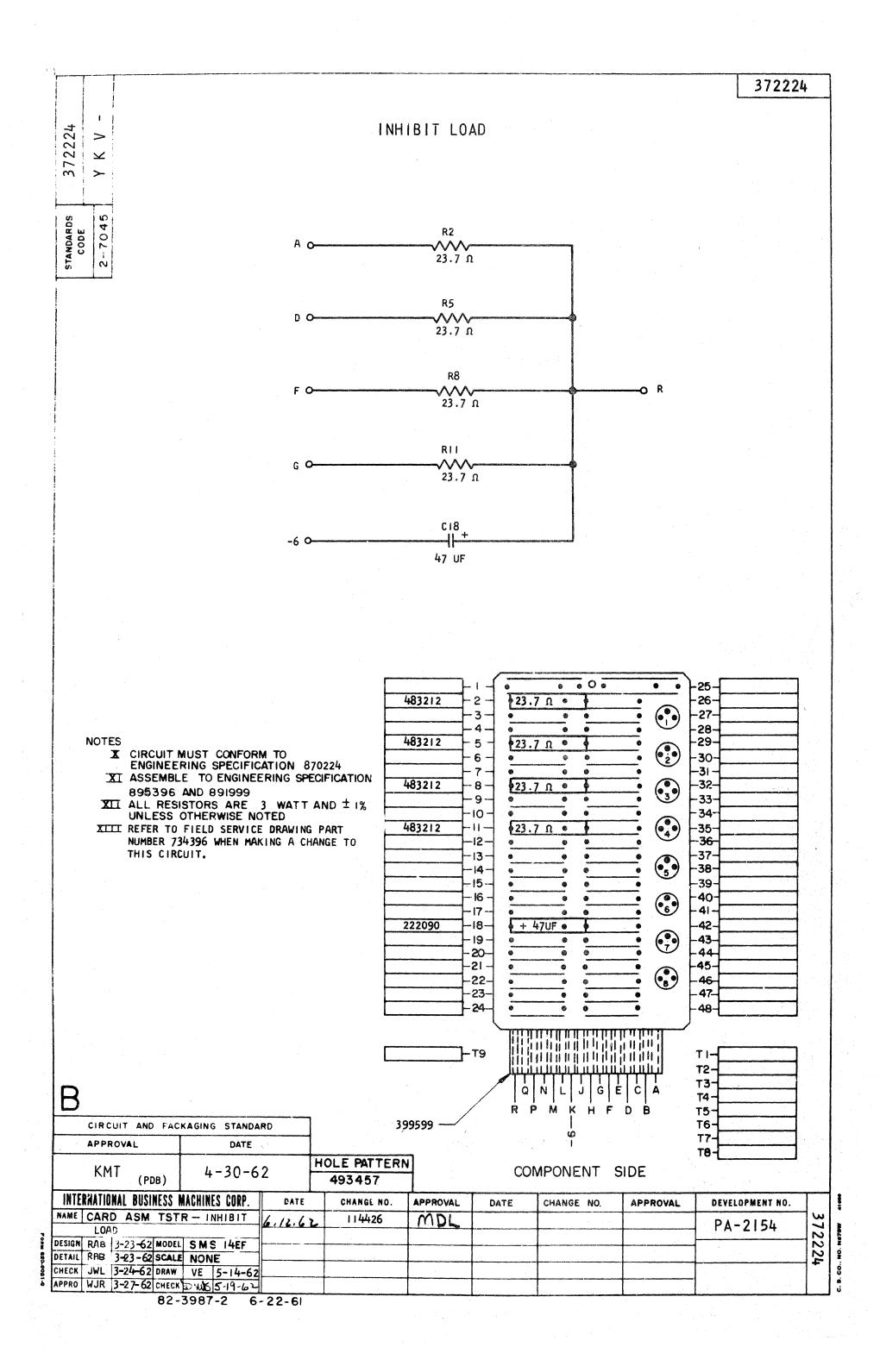
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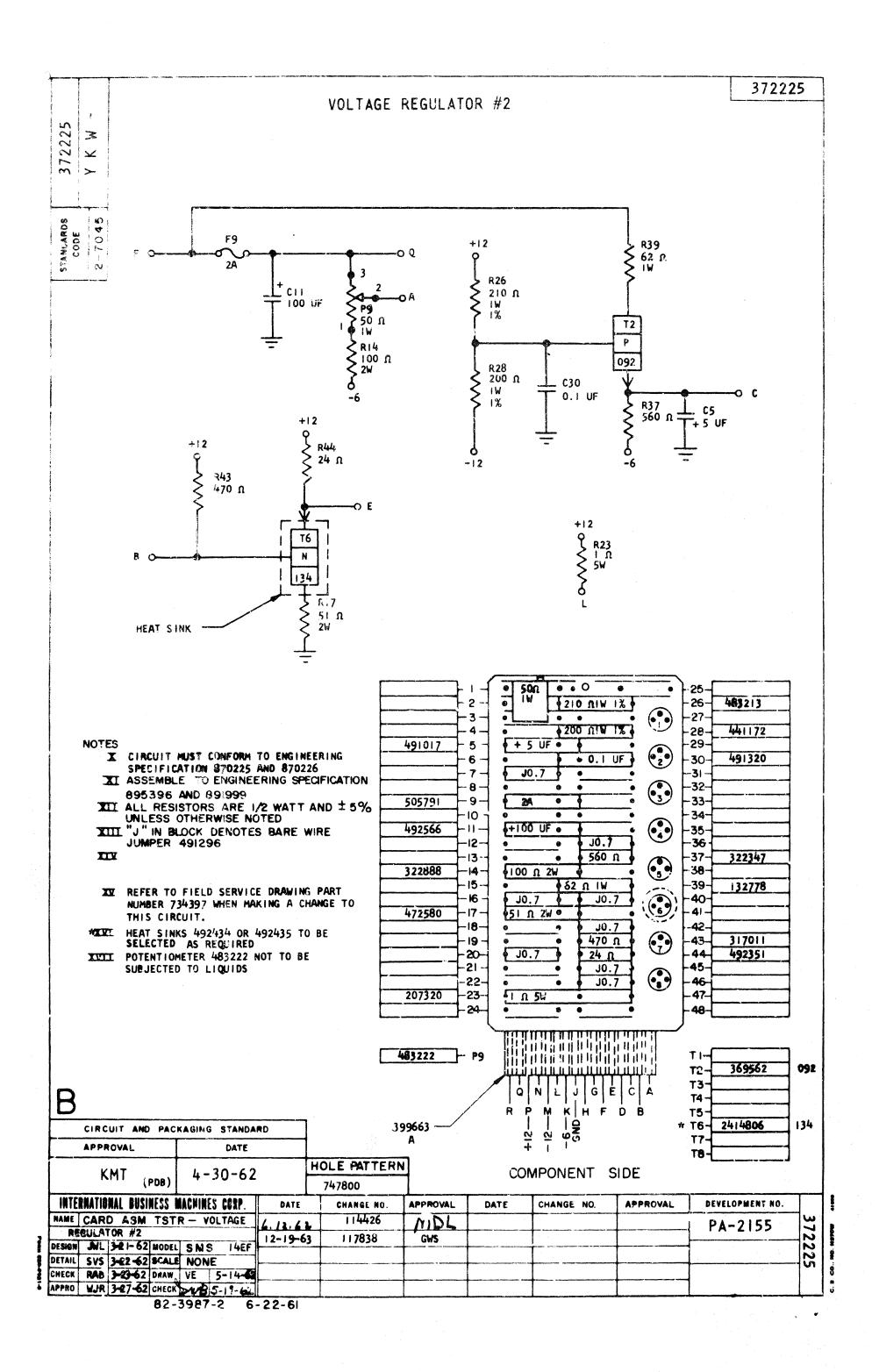


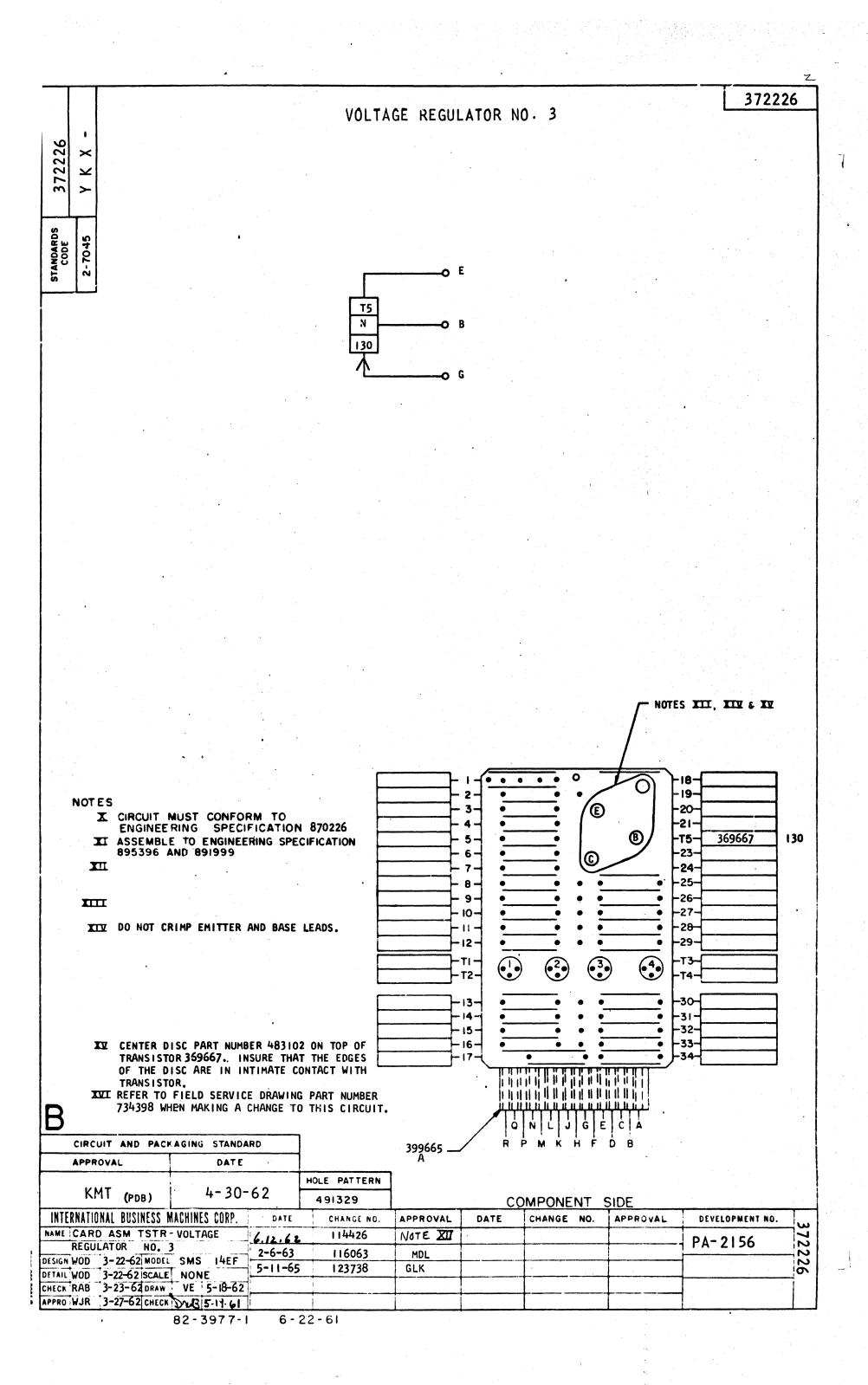


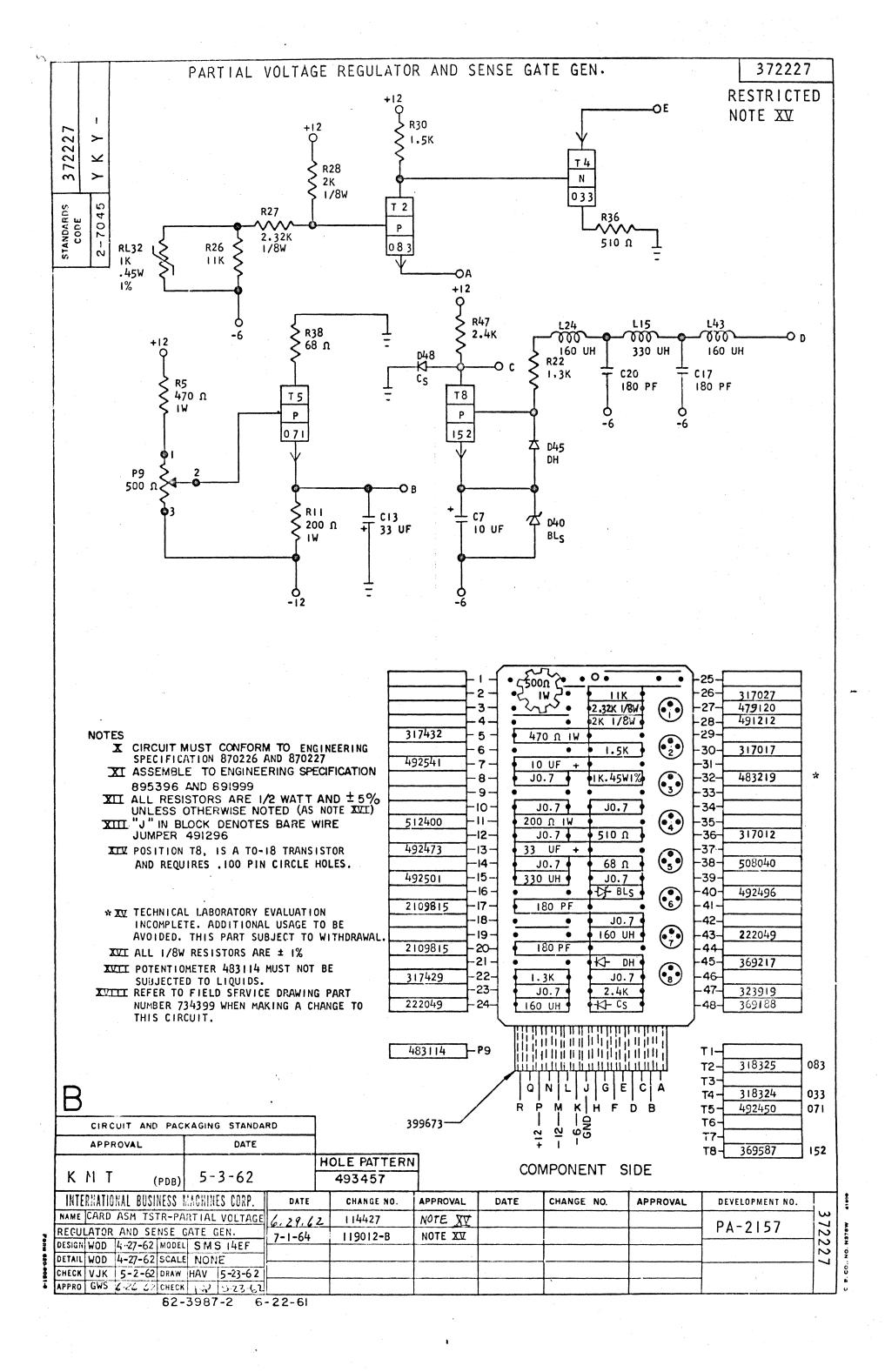


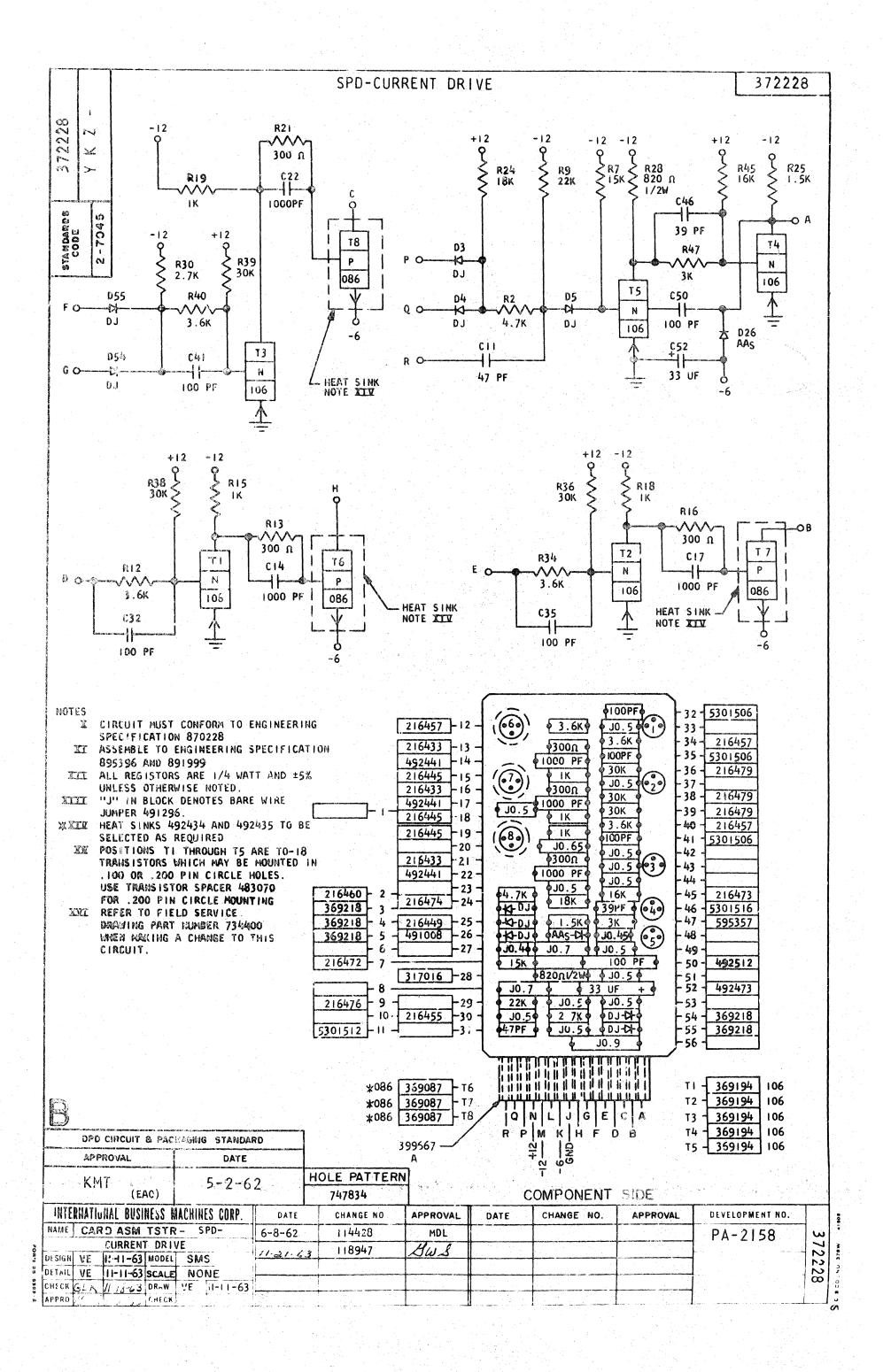


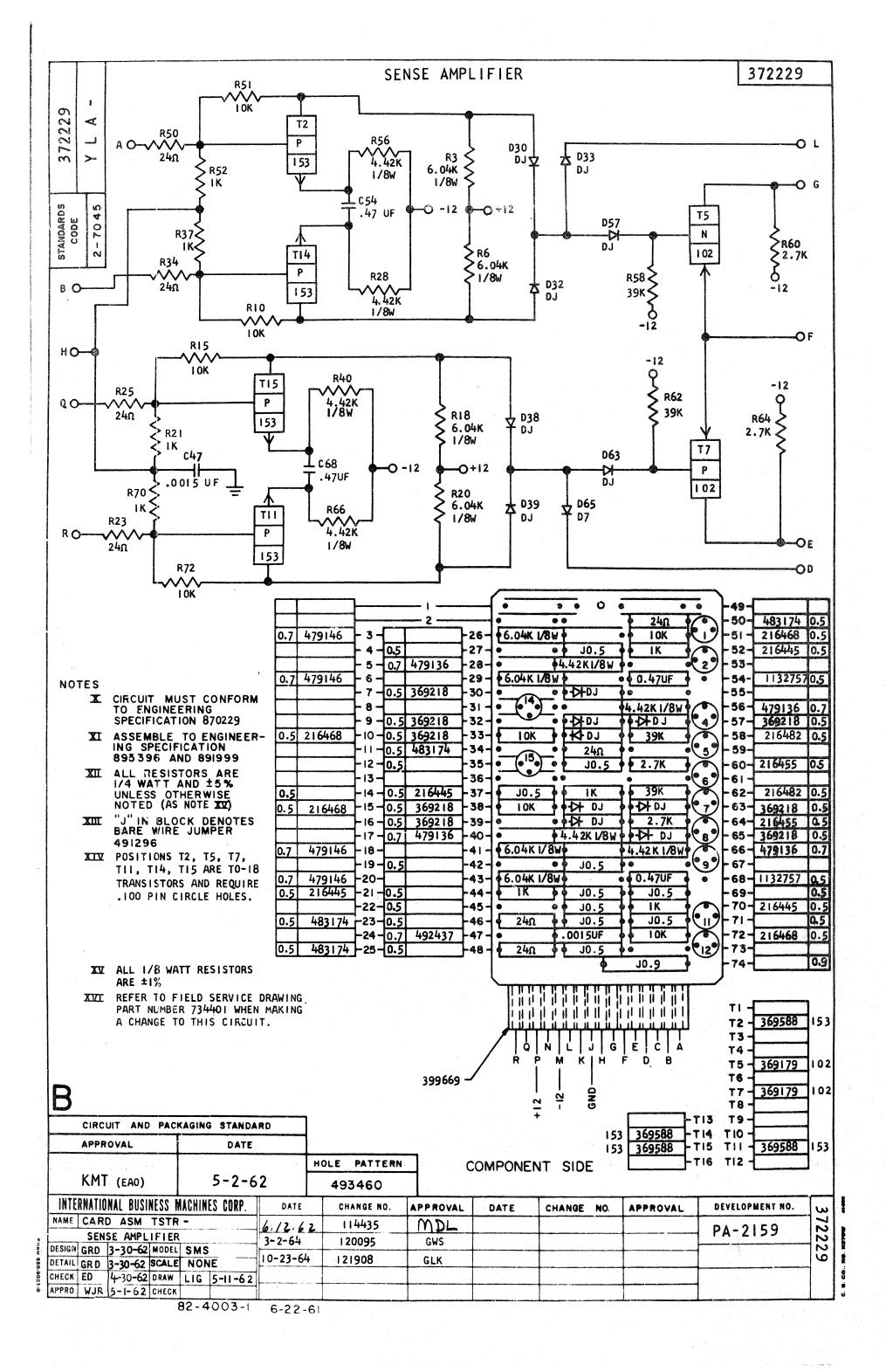


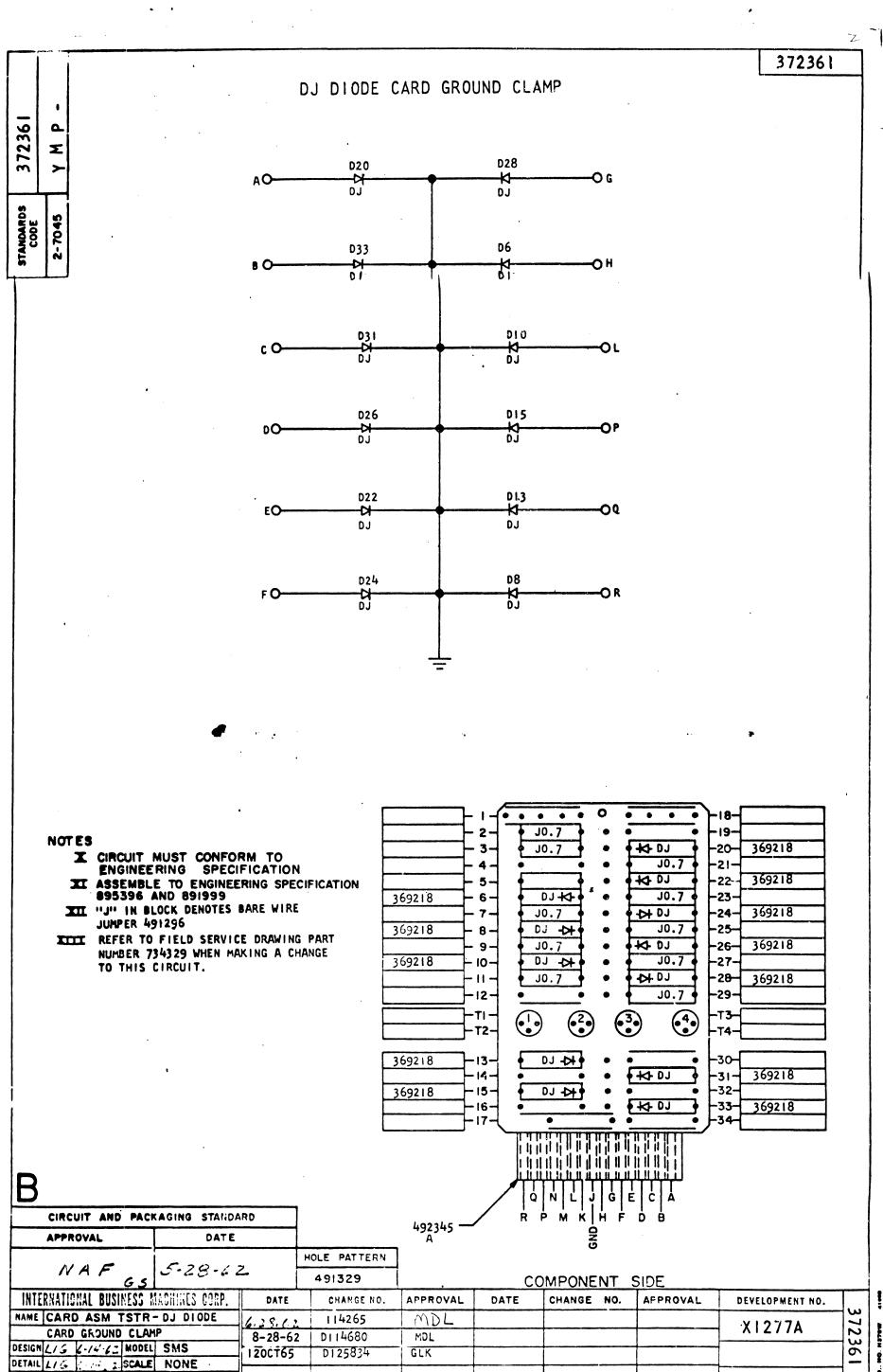












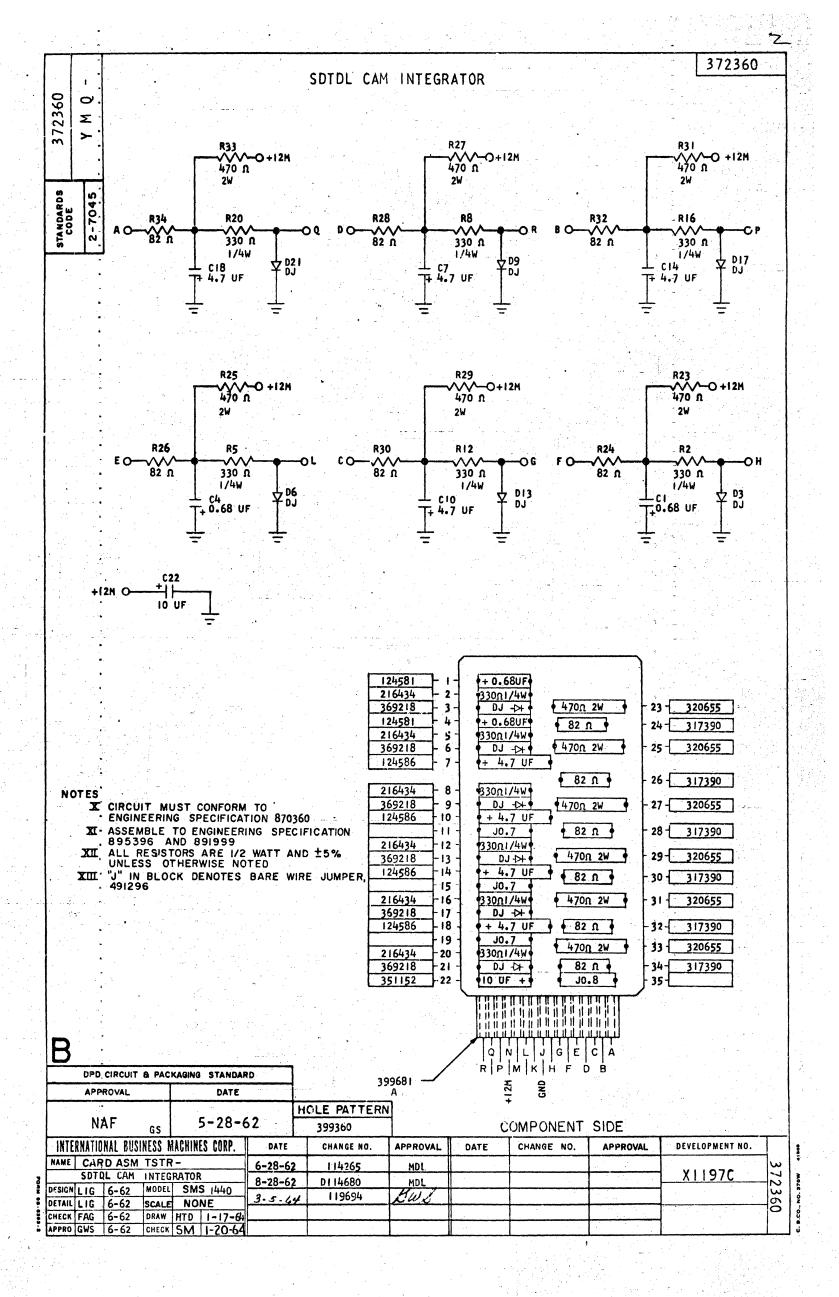
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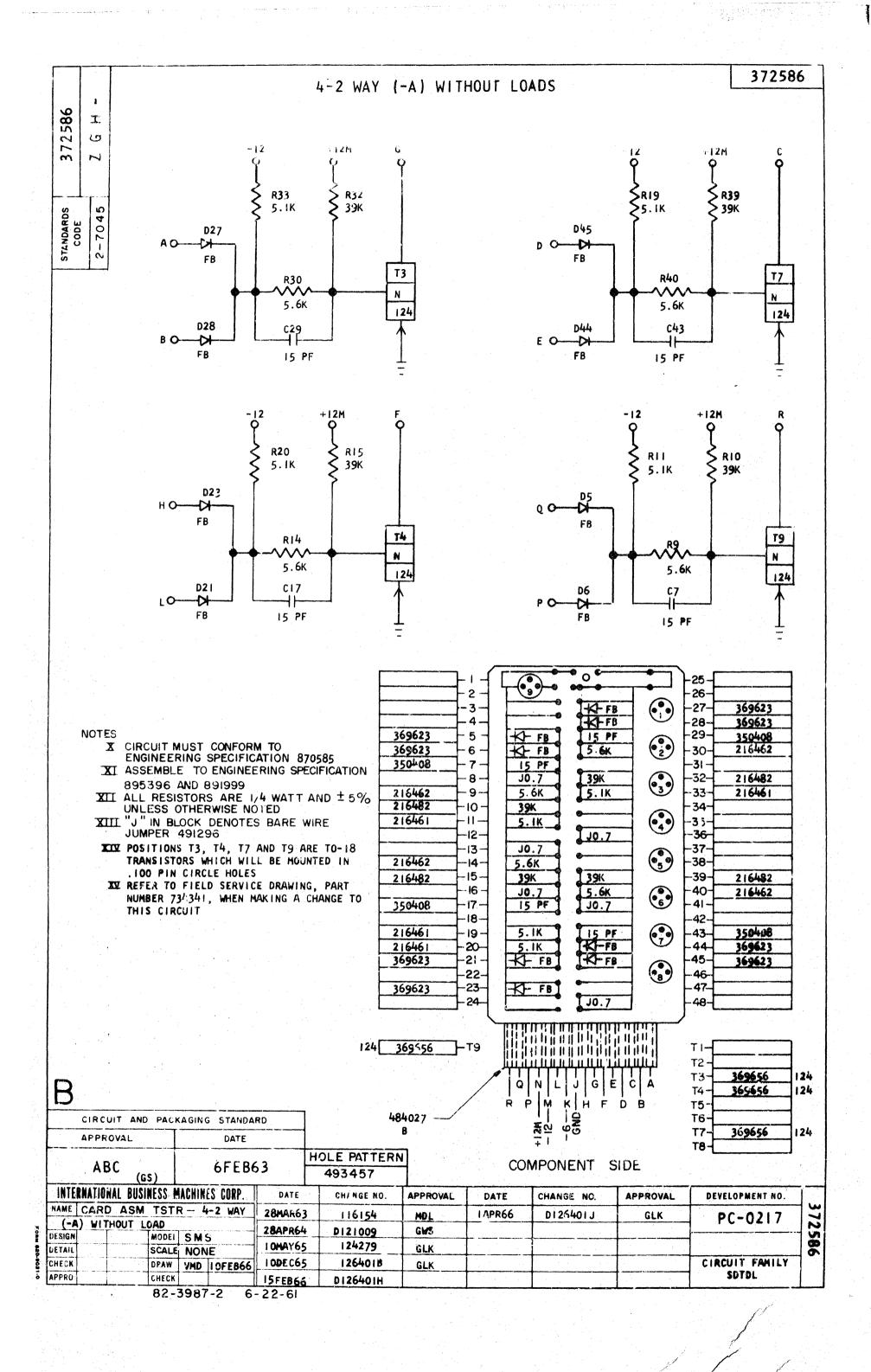
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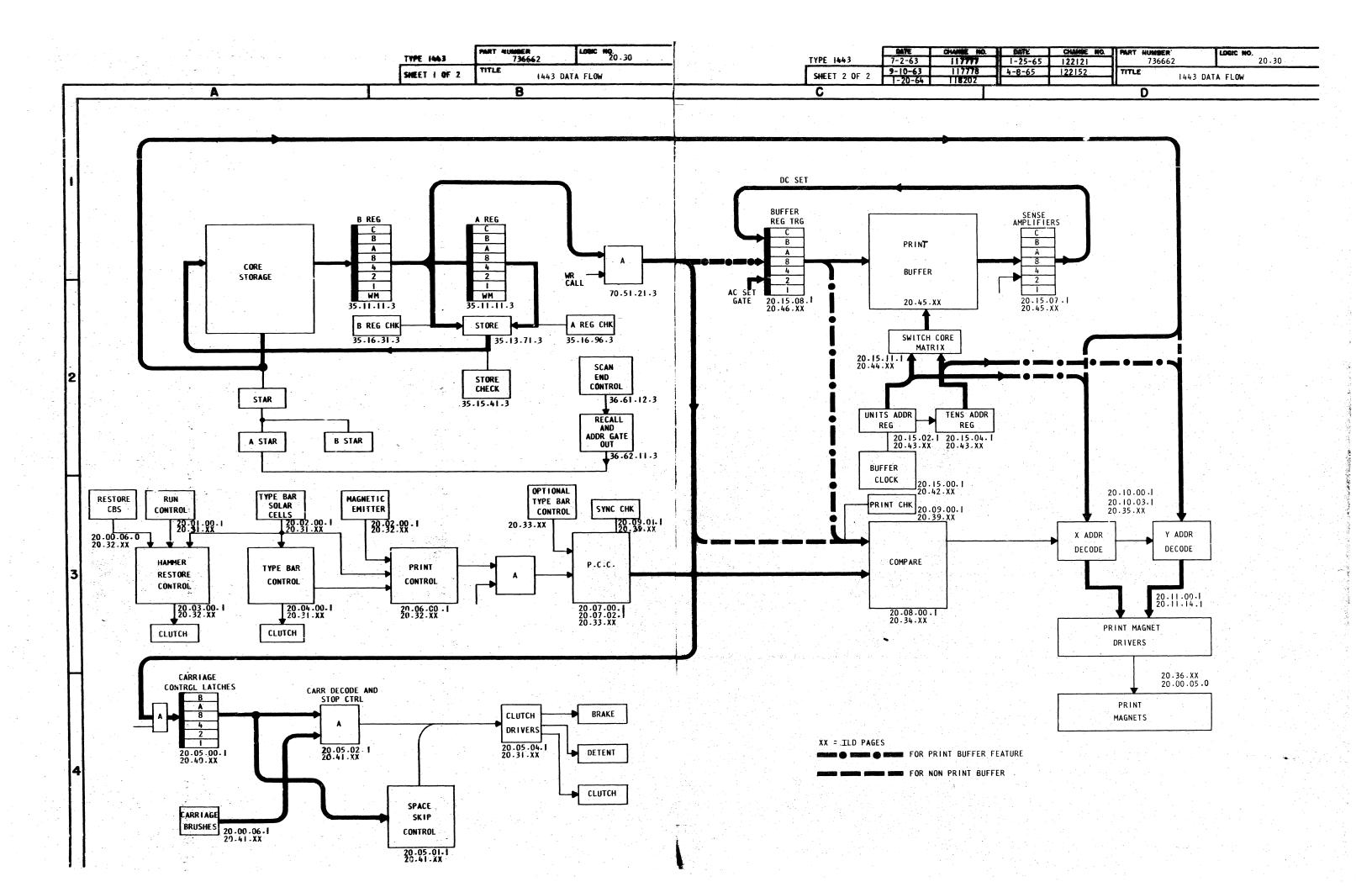
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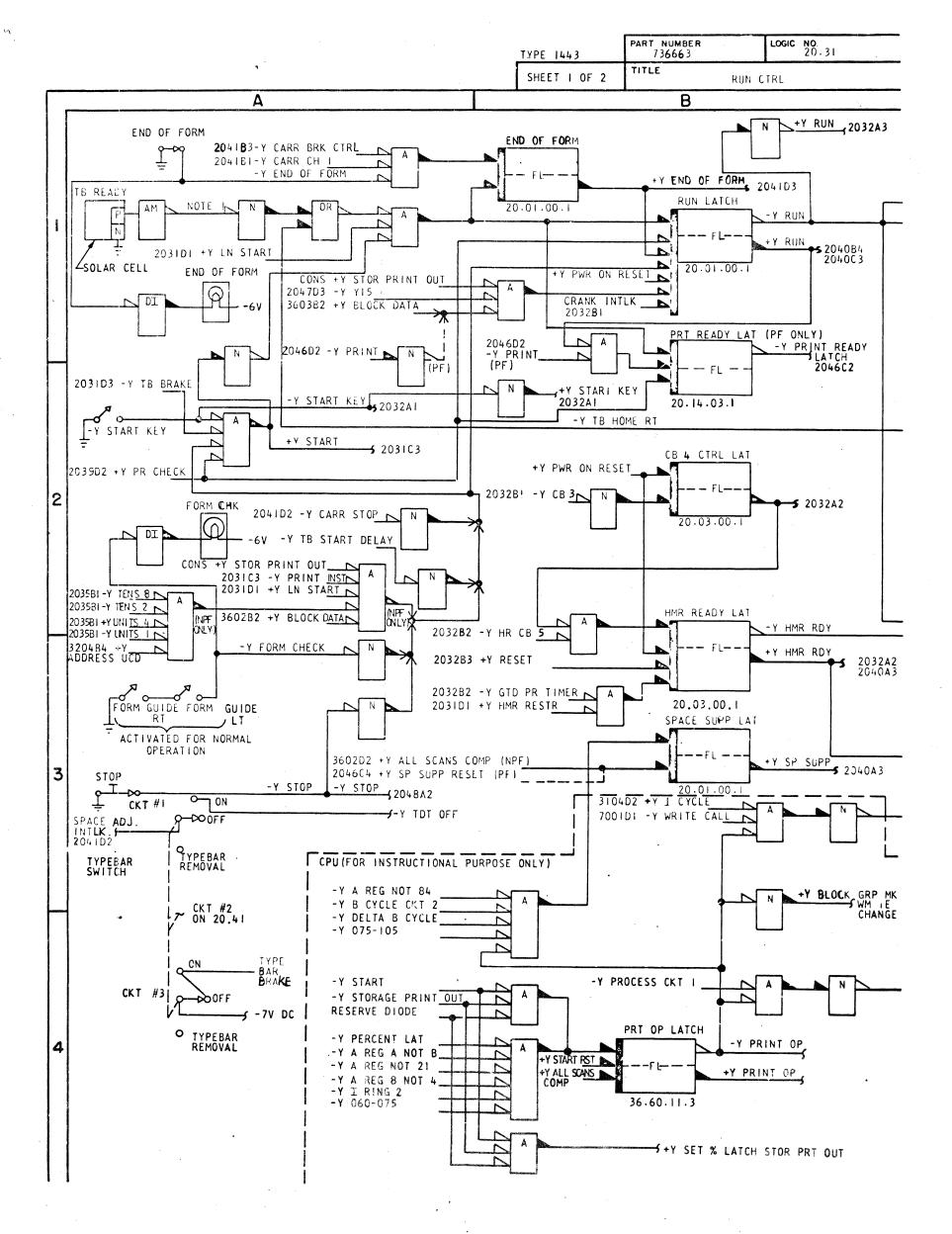
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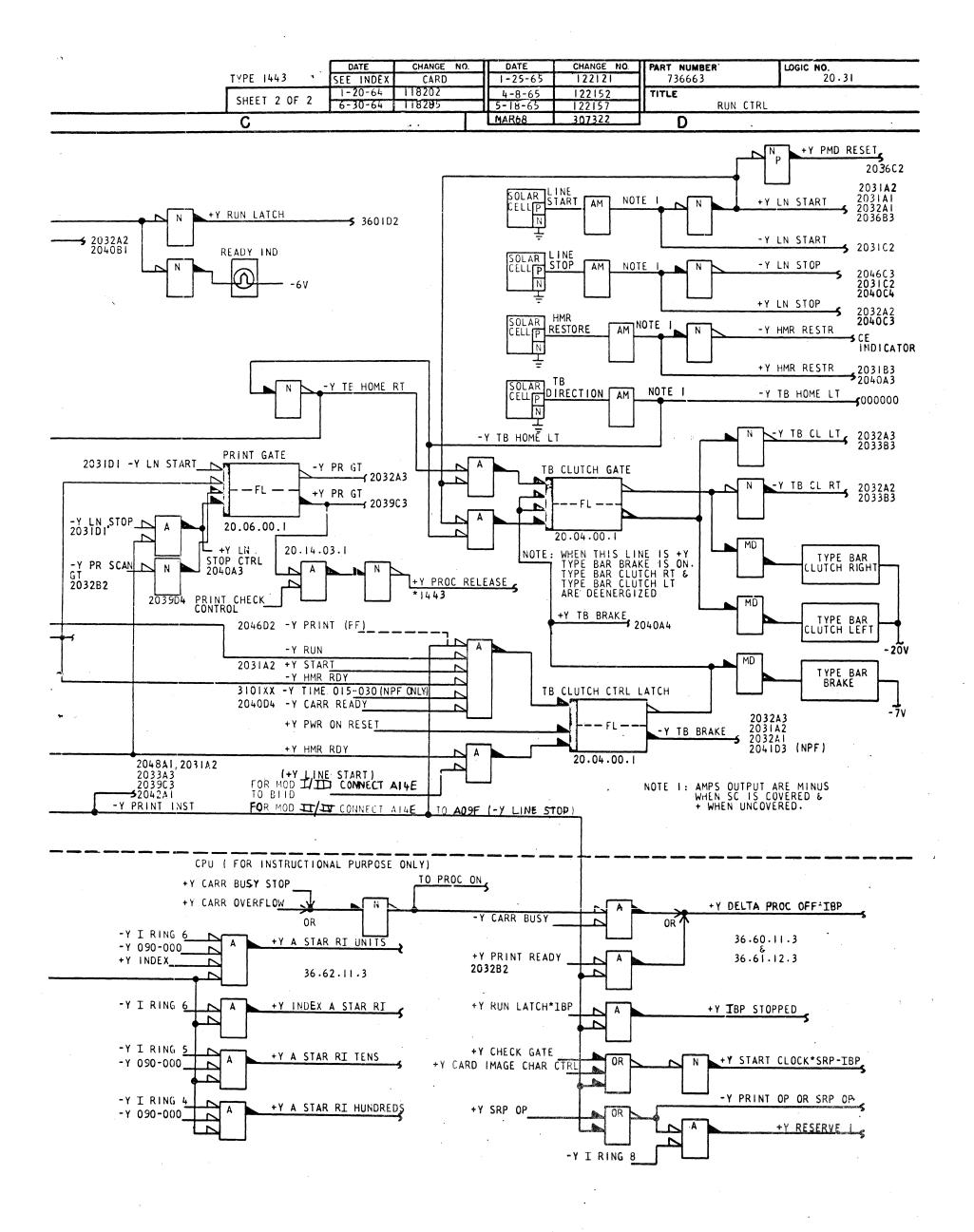


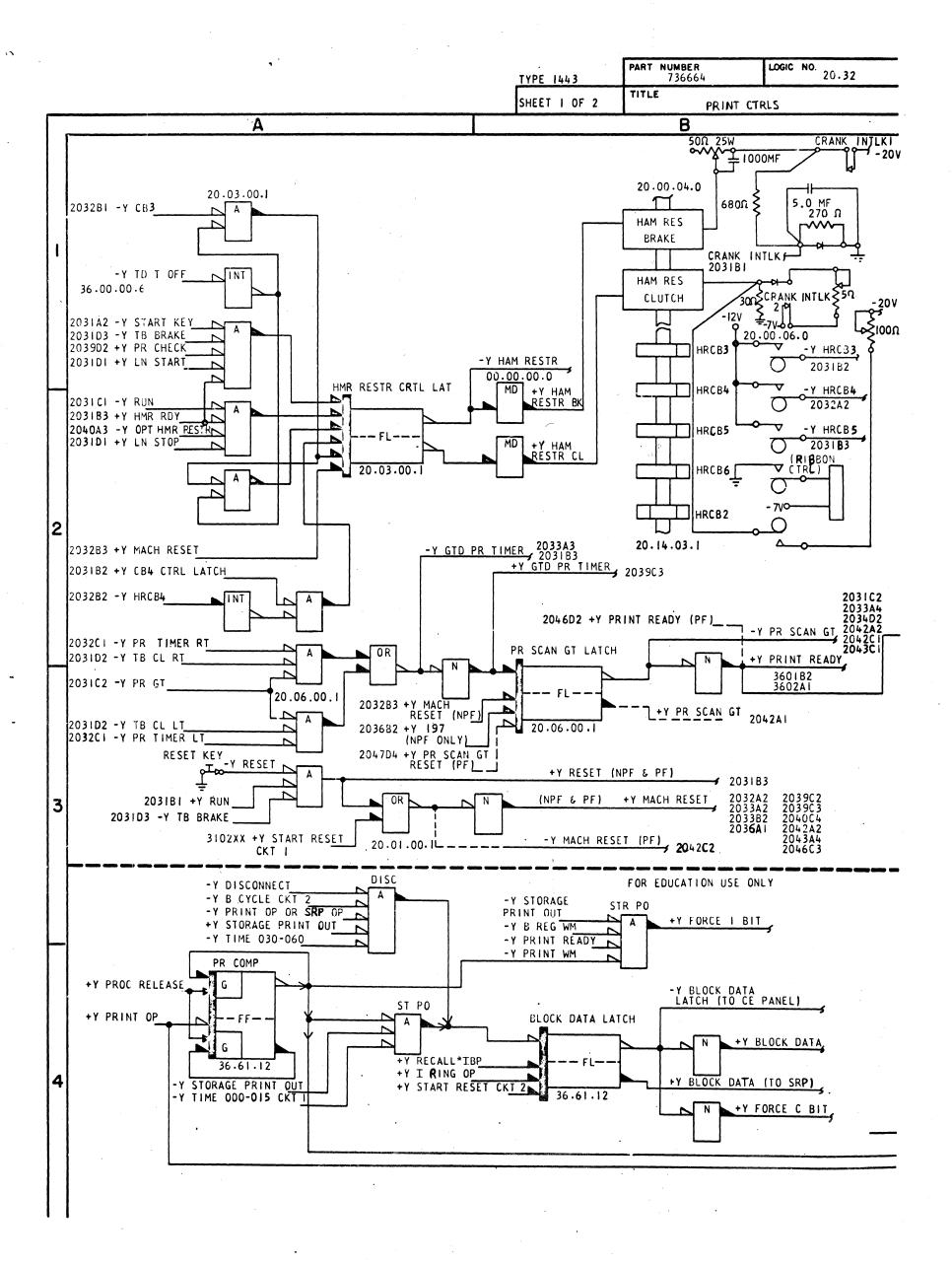
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00.00.00.0	1443 BA	ILD INDEX	0736704	307327
LOGIC NO.		NAME	PART NO.	EC NO.
20.30.00.0	1443 DATA F	LOW	736662	122152
20.31.00.0	RUN CONTROL		736663	307322
20.32.00.0	PRINT CONTR	0L	736664	307322
20.33.00.0	PRINT CHARA	CTER COUNTER AND CONTROLS	736665	122157
20.34.00.0	PRINT COMPA	RE	736666	122120
20.35.00.0	PRINT MAGNE	T DRIVER DECODE I	736667	ı 18 2 85
20.36.00.0	PRINT MAGNE	T DRIVER DECODE 2	736668	122120
20.37.00.0	PRINT POSIT	ION DECODE CHART I	736669	118198
20.38.00.0	PRINT POSIT	ION DECODE CHART 2	736670	307322
20.39.00.0	PRINT CHECK	s	736671	122157
20.40.00.0	CARRIAGE CO	INTROLS	736672	307322
20.41.00.0	CARRIAGE ST	OP CONTROLS	736673	307322
20.42.00.0	BUFFER CLOC	ĸ	736674	122158
20.43.00.0	BUFFER ADDR	RESSING	736675	122120
20.44.00.0	BUFFER SWIT	CH CORE MATRIX	736676	118285
20.45.00.0	BUFFER SENS	E AMPS	736677	122157
20.46.00.0	BUFFER DATA	REGISTER	736678	118285
20.47.00.0	PRINT MAGNE	T DECODE	736679	118202
20.48.00.0	1443 METER	CIRCUIT	736738	118285
20.50.00.0	TIMING CHAR	RTS CTLS MOD I/III NPF	749872	307322
20.50.00.0	TIMING CHAR	T CTLS MOD I PF	749851	307322
20.51.00.0	TIMING CHAR	T CTLS MOD II/IV PF	749858	307322
20.51.00.0	TIMING CHAR	T CTLS MOD II NPF	749855	307322
20.52.00.0	TIMING CHAR	T PRINT CYCLE PF	749857	122152
20.52.00.0	TIMING CHAR	IT PRINT CYCLE NPF	749854	122121
20.53.00.0	TIMING CHAR	T HMR RSTR-STR CYC	749850	307322
20.54.00.0	TIMING CHAR	T FRICTION CL PAPER CARR	749852	122152
20.55.00.0	TIMING CHAR	T CARRIAGE LOAD CYCLE	749853	122152
20.56.00.0	TIMING CHAR	RT CLOCK PF	749859	117778
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20.60.00.0	1443 INSTAL	LATION INSTRUCTIONS	740823	307327

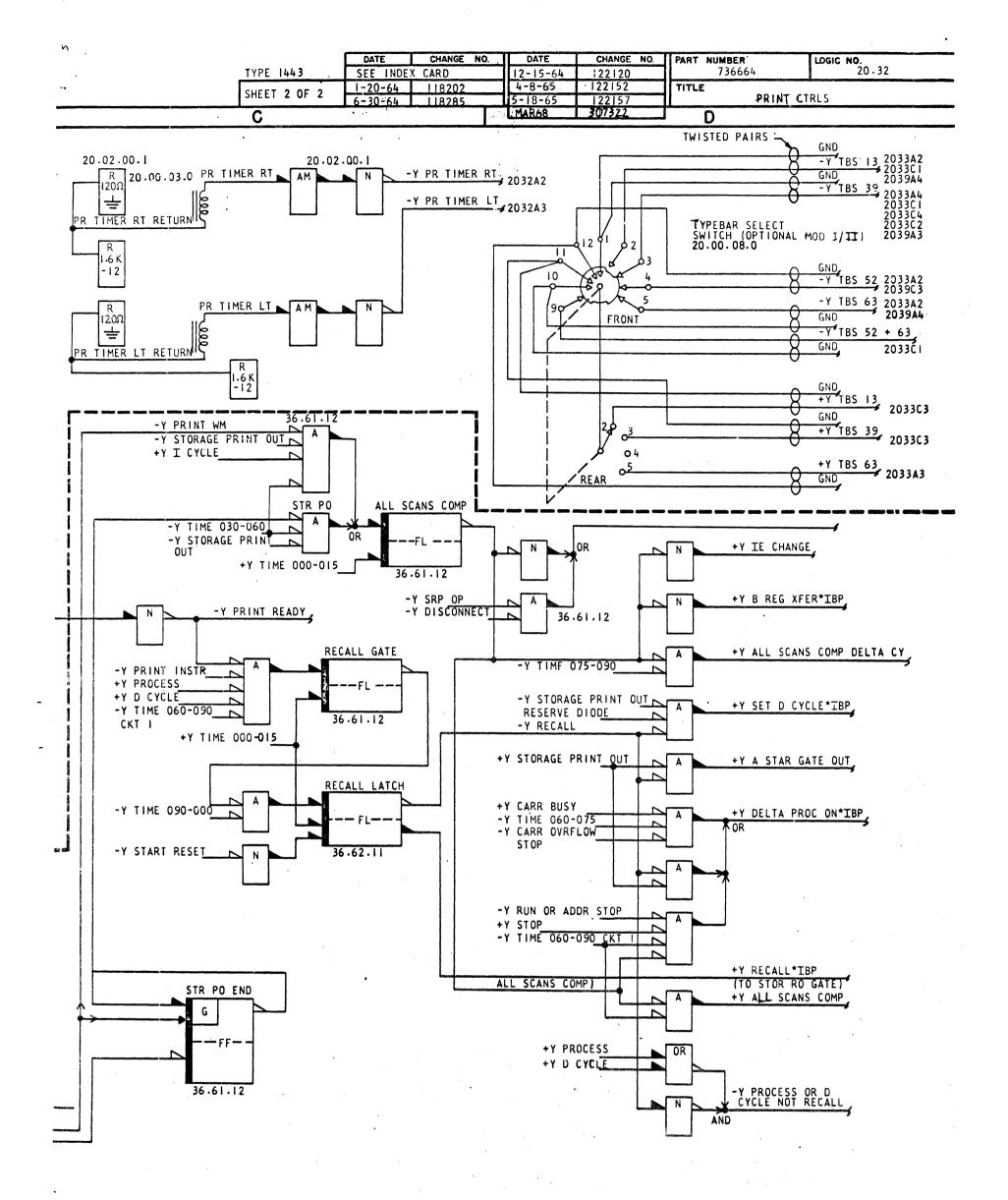


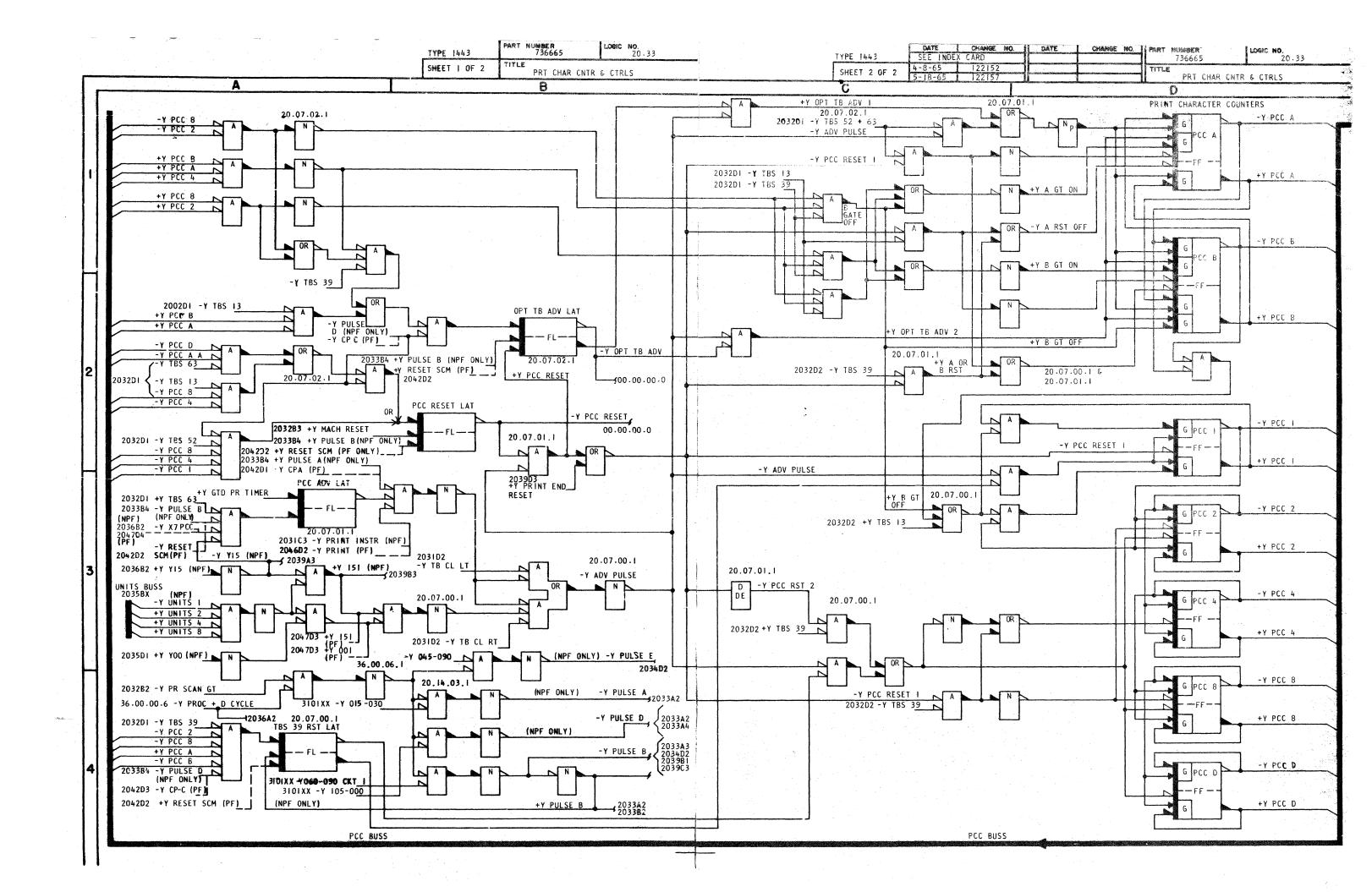


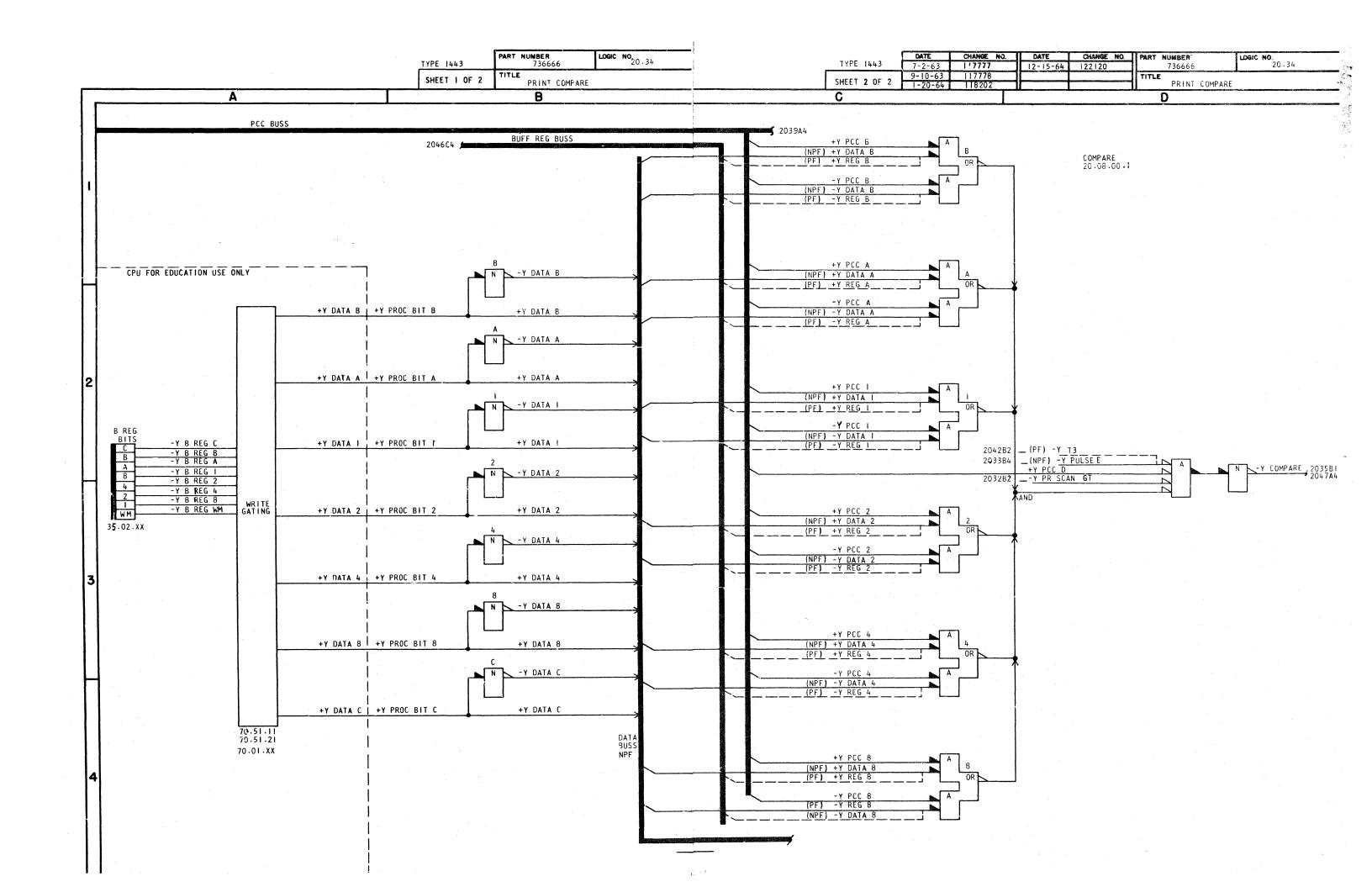
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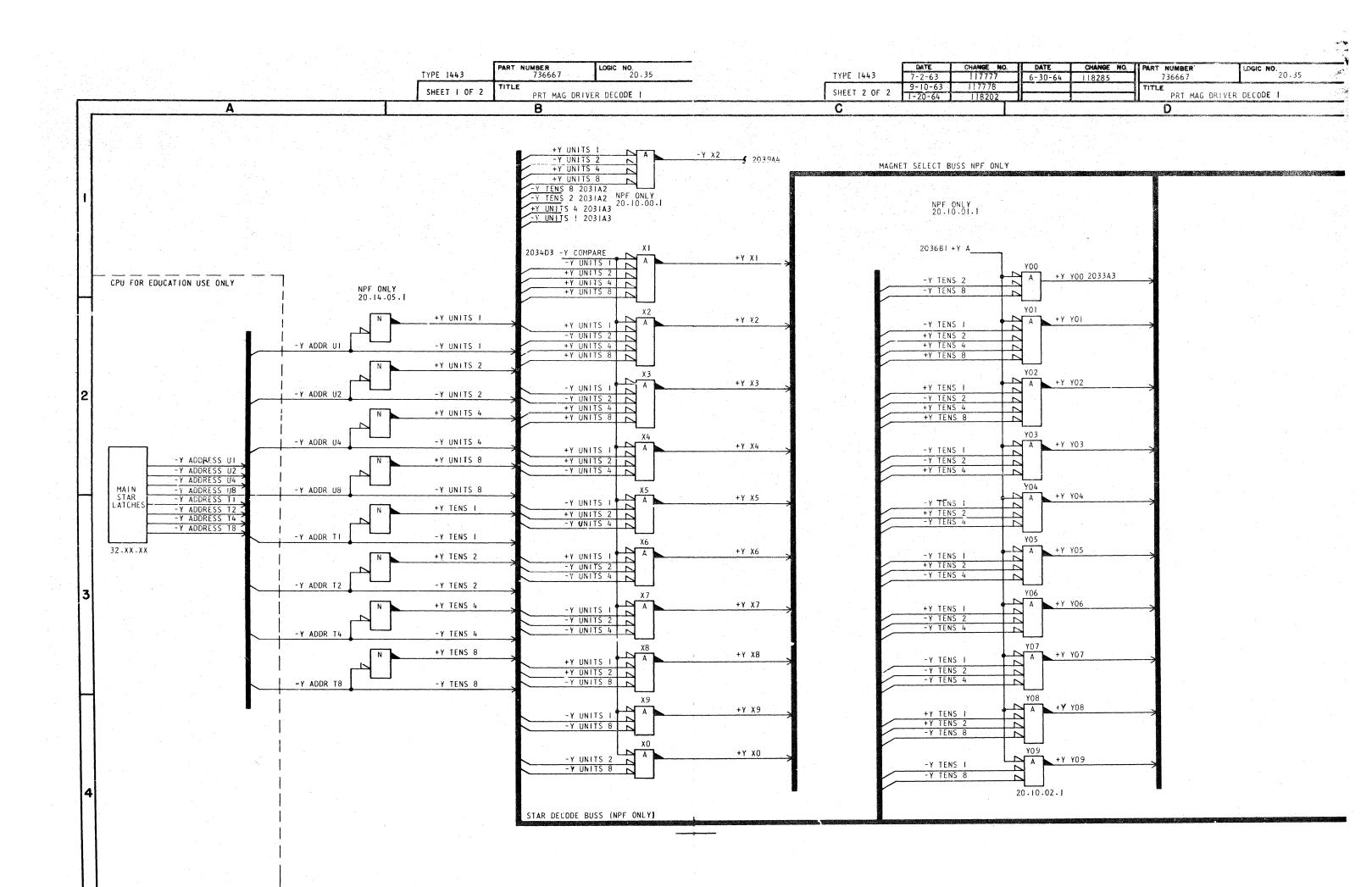


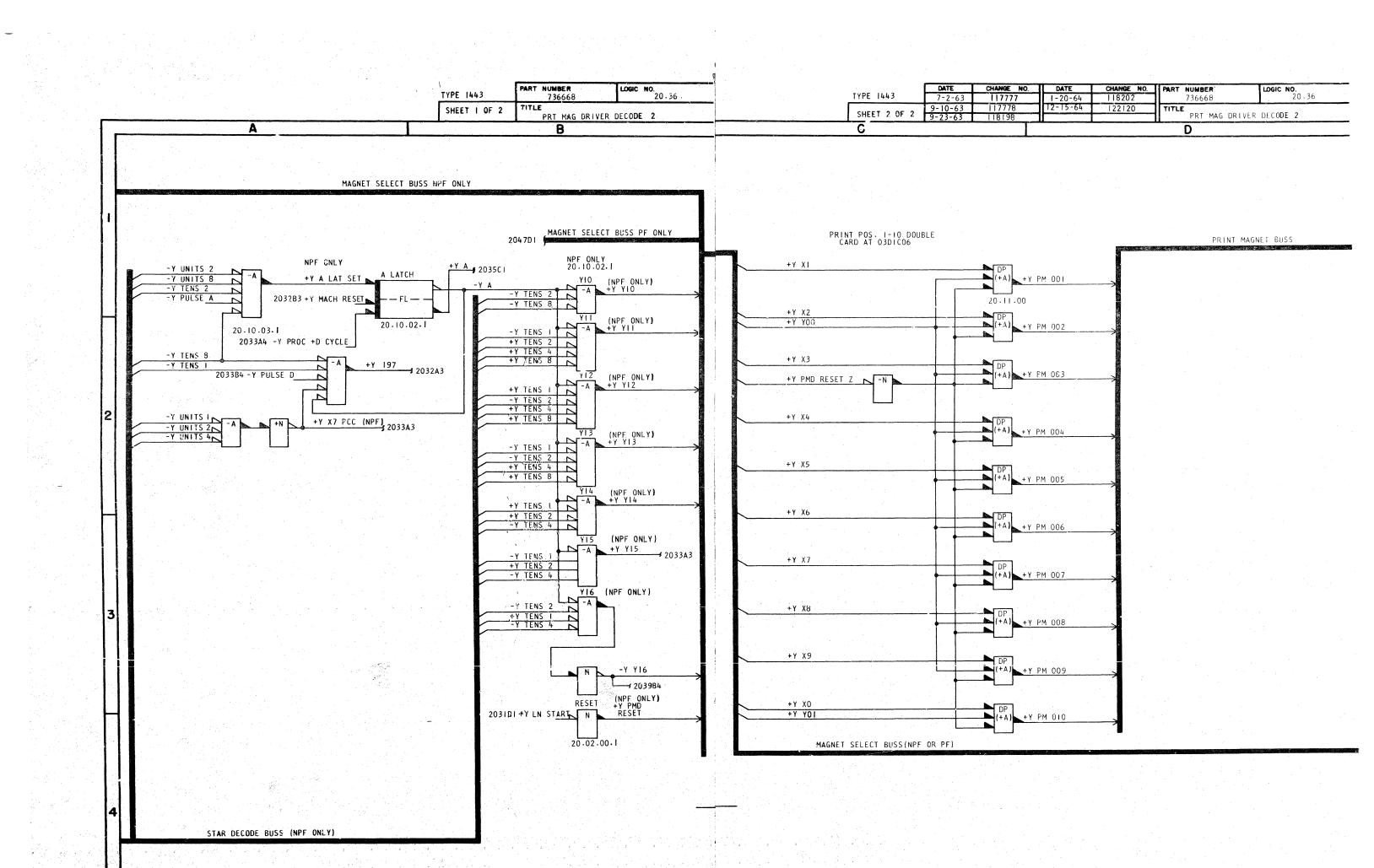












LOGIC NO. 20 - 37 PART NUMBER TYPE 1443 736669 TITLE SHEET I OF 2 PRT POS DECODE CHART I A 8 PRINT MAGNET BUSS PRINT POS 11-20 DOUBLE CARD AT 03DIC07 PR OUTPUT NAME P 0 S PIN NAME PIN NAME + Y - X 1 - X 0 8 +Y XI + Y Y01 011 6 EY PMD REST Z +Y PMQII +Y X2 +4 401 +Y PMD RES +Y PM012 + Y PM013 + Y YO ! $0.13 + Y \times 3$ +Y Y01 Ü HY PHO RES 014 | +Y X4 +4 401 +Y PMC14 М FY PMD RES +Y Y02 +Y X5 + Y Y () I +Y PMOIS PY PMD RES 016 +Y X6 Y PMU RES Z + Y PM016 W + Y YO1 + Y PMD RESET 017 +Y X7 +Y YOL +Y PMO17 HY PMU KES LY PMD RESIZ 018 +Y X8 +Y PMQ18 U + Y Y O I N19 | +Y X9 +Y YUI Y PMD RES +Y PM019 020 +Y X0 +Y Y02 FY PMD RES +Y PM020 PRINT POS 21-30 DOUBLE CARD AT 0301C08 INPUTS OUTPUT NAME NAME PIN PIN NAME PINI NAME PIN +Y X1-X0 021 +Y Xì +Y Y02 Y PMO RE +Y PMG21 +Y Y02 022 + Y X2 HY PMD RESIZ + Y PM022 Y PMO RES + Y X3 +Y Y02 023 D +Y Y02 + Y PM023 8 + Y X4 + Y Y Q 2 +Y PM024 Y PMO RES N + Y .Y03 125 +Y X5 P +Y Y02 *Y PM025 Y PMO RES +Y PM026 + 7 702 Y PMD RES + Y X6 026 +Y PMD RESET +Y PM027 HY PMD RES 127 +Y Y02 + Y X 7 2 Y PMD RES +Y PM028 028 8X Y+ +Y Y02 U 029 +Y X9 +Y Y02 +Y PMO RES +Y PM029 +Y Y03 R HY PMD RES +Y X0 +Y PM030 PRINT POS 31-40 DOUBLE CARD AT 03DIC09 OUTPUT PR INPUTS POS PIN PIN NAME NAME NAME NAME 031 +Y X1-X0 + Y X 1 G + Y PMD RES Z +Y Y03 +Y PM031 7 +Y PM032 + Y X2 +Y Y03 G +Y PMD RES 032 + Y Y 03 033 +Y X3 +Y Y03 +Y Y03 G + Y PMD RES G + Y PMD RES +Y PM033 D В 034 +Y X4 035 +Y X5 N +Y PM034 M +Y Y04 +Y Y03 +Y PMQ35 +Y PMD RES +Y PMD RES 036 + Y X6 W +Y Y03 +Y PM036 G +Y PMD RES G +Y PMD RES +Y PMD RESET +Y PM037 +Y X7 +Y Y03 +Y Y03 +Y PMI038 U +Y X8 038 S G +Y PMD RES +Y Y03 +Y PM039 Y $039 + Y \times 9$ 04G +Y XO +Y PM040 K H +Y Y04 PRINT POS 41-50 DOUBLE CARD AT 03DIC10 PR INPUTS OUTPUT 3 NAME POS NAME PIN PIN NAME PIN NAME + Y XI-XO +Y Y04 G +Y PMD RES 041 + Y X 1 +Y PM041 +Y PM042 G +Y PMD RES 042 +Y X2 +Y Y04 Α +Y Y04 043 +Y X3 D +Y Y04 +Y PMD RES +Y PM043 В 044 +Y X4 N +Y Y04 +Y PMD RES +Y PM044 M +Y Y05 +Y PM045 +Y PMD RES 045 + Y X5 +Y Y04 +Y PM046 + Y X6 +Y Y04 G +Y PMD RES 046 +Y PMD RESET 047 +Y X7 +Y Y04 G +Y PMD RES +Y PM047 +Y Y04 G +Y PMD RES Z +Y X8 048 +Y PM048 U G +Y PMD RES +Y PM049 +Y Y04 2 049 +Y X9 X + Y XO +Y Y05 Н R +Y PMD RES +Y PM050 K PRINT POS 51-60 DOUBLE CARD AT 03DICH OUTPUT PIN NAME P INPUTS PINI NAME NAME +Y XI-XO 051 G I+Y PMD RES Z +Y PMOSI + Y X I 8 +Y Y05 052 053 G + Y PMD RES Z + Y PM052 G + Y PMD RES Z + Y PM053 +Y Y05 +Y Y05 +Y X3 D +Y Y05 G +Y PMD RES Z + Y PM054 054 + Y X4 N +Y YQ5 М +Y Y06 G +Y PMD RES +Y PM055 055 +Y X5 +Y Y05 Z 4 +Y PMQ56 056 + Y X6 W +Y Y05 +Y PMD RES G +Y PMD RES Z +Y PM057
G +Y PMD RES Z +Y PM058
G +Y PMD RES Z +Y PM059
R +Y PMD RES Z +Y PM060 +Y PMD RESET +Y Y05 057 +Y X7 058 +Y X8 +Y Y05 11 059 +Y X9 Χ +Y Y05 H +Y Y06 +Y X0 060

TYPE 1443	DATE 7-2-63	CHANGE NO.	DATE	CHANGE HO.	PART N	UMBER 736669	LOGIC NO. 20.37
SHEET 2 OF 2	9-10-63 9-23-63	118198			TITLE	PRT POS DE	CODE CHART 1
C					0		

		PRINT MAGNET BUSS	
		PRINT POS 61-70 DOUBLE CARD AT OBDICT2 PR INPUTS OUTPUT	
		POS NAME PIN NAME PIN NAME PIN	
	+Y X1-X0	061 +Y X1 8 +Y Y06 G +Y PMD RES Z +Y PM061 7 062 +Y X2 C +Y Y06 G +Y PMD RES Z +Y PM062 A	
	+ 4 406	063 +Y X3 D +Y Y06 G +Y PMD RES Z +Y PM063 8	
	+Y Y07	064 + Y X4 N + Y Y06 G + Y PMD RES Z + Y PM064 N O65 + Y X5 P + Y Y06 G + Y PMD RES Z + Y PM065 I	
	+Y PMD RESET	066 +Y X6 W +Y Y06 G +Y PMD RES Z +Y PM066 V 067 +Y X7 C +Y Y06 G +Y PMD RES Z +Y PM067 F	
	TT PAD RESET	068 +Y X8 5 +Y Y06 G +Y PMD RES Z +Y PM068 U	
		069 + Y x 9 X + Y Y 06 G + Y PMD RES Z + Y PM069 Y 070 + Y X 0 11 + Y Y 07 R + Y PMD RES Z + Y PM070 K	
		OND TO A O THE TYPE REST TYPE TO THE	
		PRINT POS 71-80 DOUBLE CARD AT O3DIC13	
		PR INPUTS OUTPUT POS NAME PIN NAME PIN NAME PIN	
	+Y X1-X0	POS NAME	
		072 + Y X2 (+ Y Y07 G + Y PMD RES Z + Y PM072 A 073 + Y X3 D + Y Y07 G + Y PM0 RES Z + Y PM073 B	
	+Y Y07	073 + Y X3 D + Y Y07 G + Y PMD RES Z + Y PM073 B 074 + Y X4 N + Y Y07 G + Y PMD RES Z + Y PM074 M	
	+Y Y08	075 +Y X5 P +Y Y07 G +Y PMD RES Z +Y PM075 J	 }
	+Y PMD RESET	076 + Y X6 W + Y Y07 G + Y PMD RES Z + Y PM076 V 077 + Y X7 E + Y Y07 G + Y PMD RES Z + Y PM077 F	
		078 + Y X8 S + Y Y07 G + Y PMD RES Z + Y PM078 U	 }
		079 +Y X9 X +Y Y07 G +Y PMD RES Z +Y PM079 Y 080 +Y X0 H +Y Y08 R +Y PM0 RES Z +Y PM080 K	
		In which we distributed the control of the control	
		PRINT POS 81-90 DOUBLE CARD AT 03DIC14	
		PR INPUTS OUTPUT POS NAME PIN NAME PIN NAME PIN	
	+Y X1-X0	081 +Y X1 8 +Y Y08 G +Y PMD RES Z +Y PM081 7	} [
	+Y Y08	082 +Y X2	
		084 + Y X4 N + Y Y08 G + Y PMD RES Z + Y PM084 M	
	+Y Y09	085 + Y X5 P + Y Y08 G + Y PMD RES Z + Y PM085 T 086 + Y X6 W + Y Y08 G + Y PMD RES Z + Y PM086 V	
	+Y PMD RESET	087 + Y X7 E + Y Y08 G + Y PMD RES Z + Y PM087 F	-
		088 + Y X8	
		090 + Y X0 H + Y Y09 R + Y PMD RES Z + Y PM090 K	——¾
		PRINT POS 91-100 DOUBLE CARD AT 03DIC15 PR INPUTS OUTPUT	
		POS NAME PIN NAME PIN NAME PIN	
	+Y X1-X0	091 +Y X1 8 +Y Y09 G +Y PMD RES Z +Y PM091 7 092 +Y X2 C +Y Y09 G +Y PMD RES Z +Y PM092 A	
	+Y Y09	093 +Y X3 D +Y Y09 G +Y PMD RES Z +Y PM093 8	—≨[
	+Y Y10	094 + Y X4 N + Y Y09 G + Y PMD RES Z + Y PM094 M	
	TA BHO DECET	096 + Y X6 W + Y Y09 G + Y PMD RES Z + Y PM096 V	 \$1
	+Y PMD RESET	097 + Y X7 E + Y Y09 G + Y PMD RES Z + Y PM097 F 098 + Y X8 S + Y Y09 G + Y PMD RES Z + Y PM098 U	
		099 +Y X9 X +Y Y09 G +Y PMD RES Z +Y PM099 Y	
		100 + Y XO H + Y YIO R + Y PMD RES Z + Y PM100 K	
		PRINT POS 101-110 DOUBLE CARD AT 03DIC16	
		PR INPUTS OUTPUT	
	+Y XI-XO	POS NAME PIN NAME PIN NAME PIN NAME PIN NAME PIN 10! + Y XI 8 + Y YIQ G + Y PMD RES Z + Y PMIQ! 7	
		102 +Y X2 C +Y Y10 G +Y PMD RES Z +Y PM102 A	
·	+4 410	103 +Y X3 D +Y Y10 G +Y PMD RES 2 +Y PM103 B	
·	+Y YII	105 +Y X5 P +Y Y10 G +Y PMD RES Z +Y PM105 T	-{
	+Y PMD RESET	106 + Y X6 W + Y Y 10 G + Y PMD RES Z + Y PM106 V 107 + Y X7 E + Y Y 10 G + Y PMD RES Z + Y PM107 F	
		108 +Y X8 S +Y Y10 G +Y PMD RES Z +Y PM108 U	 ₩
	N. C.	109 +Y X9 X +Y Y10 G +Y PMD RES Z +Y PM109 Y 110 +Y X0 H +Y Y11 R +Y PMD RES Z +Y PM110 K	二

TITLE SHEET 1 OF 2 PRT POS DECODE CHART 2 В Α HAMMER BUSS (PM) PRINT POS III-120 DOUBLE CARD AT 03DIC17 INPUTS OUTPUT POS NAME NAME PIN NAME NAME PIN + Y X I +Y X1-X0 111 8 +Y Y11 G +Y PMD RES 7 +Y PMIII + Y X2 +Y YII G +Y PMD RES +Y YII 113 +Y X3 +Y YII G +Y PMD RES D +Y PMII3 Z В 114 + Y X4 N +Y Y!! G +Y PMD RES +Y PMI14 +Y Y!2 115 +Y X5 P +Y YII G +Y PMD RES Z +Y PMII5 G +Y PMD RES +Y X6 W 116 +Y Y | 1 +Y PM116 +Y PMD RESET 117 + Y X / +4 411 G +Y PMD RES G +Y PMD RES Z +Y PMII8 +Y X8 +Y YII G +Y PMD RES +Y X9 Z +Y PMI19 119 Χ +Y Y11 120 +Y X0 +Y Y12 +Y PMD RES +Y PMI20 PRINT POS 121-130 DOUBLE CARD AT 03DIC18 INPUTS OUTPUT POS NAME NAME NAME NAME G +Y PMD RES Z 8 121 + Y X I +Y Y12 +Y PMI2i +Y X1-X0 +Y X2 +Y Y12 G +Y PMD RES +Y PMI22 +Y YI2 G +Y PMD RES Z +Y PMI23 123 +Y X3 +Y Y12 G +Y PMD RES +Y PMI24 +Y X4 N +Y Y13 124 +Y Y12 125 +Y X5 +Y Y12 +Y PMD RES +Y PMI25 +Y PMD RESET +Y X6 W G +Y PMD RES +Y PM126 126 +Y Y12 ٧ 127 +Y X7 E +Y Y12 G +Y PMD RES +Y PMI27 2 +Y X8 128 +Y Y12 G +Y PMD RES +Y PMI28 U +Y X9 +Y PM129 G +Y PMD RES Z 129 +Y Y12 +Y X0 +Y YI3 R +Y PMD RES +Y. X1-X0 PRINT POS 131-140 DOUBLE CARD AT O3DIC19 INPUTS PR OUTPUT +Y Y13 POS NAME NAME NAME NAME PIN PIN 8 +Y PMD RES 131 + Y X I +Y Y13 +Y PMI3I +Y Y14 132 +Y X2 +Y Y13 G +Y PMD RES +Y PM132 G +Y PMD RES +Y X3 D +Y Y13 +Y PM133 133 +Y PMD RESET +Y YI3 134 +Y X4 N +Y PMD RES +Y PM134 +Y X5 +Y Y13 G +Y PMD RES +Y PM135 G +Y PMD RES +Y X6 W +Y Y13 +Y PM136 136 V +Y PMD RES +Y PM137 137 +Y X7 +Y Y13 +Y Y13 138 +Y X8 G +Y PMD RES +Y PMI38 G +Y PMD RES +Y X9 139 +Y Y13 Z +Y PM139 Χ R +Y PMD RES +Y X0 Н +Y Y14 +Y XI-X0 PRINT POS 141-144 DOUBLE CARD AT 03D1C20 PR INPUTS OUTPUT +Y Y14 POS NAME NAME NAME NAME +Y PMD RESET 141 +Y XI 8 +Y Y14 G +Y PMD RES Z +Y PM141 7 +Y X2 +Y Y14 G +Y PMD RES С Z +Y PM142 Z +Y PM143 142 +Y PM142 Α G +Y PMD RES 143 +Y X3 D +Y Y14 G +Y PMD RES 144 +Y X4 Z +Y PM144 +Y Y14 Y PMI44 4 MAGNET SELECT BUSS NPF OR PF

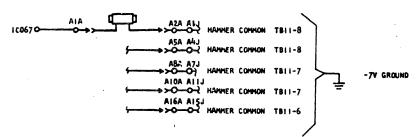
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PART NUMBER 736670

TYPE 1443

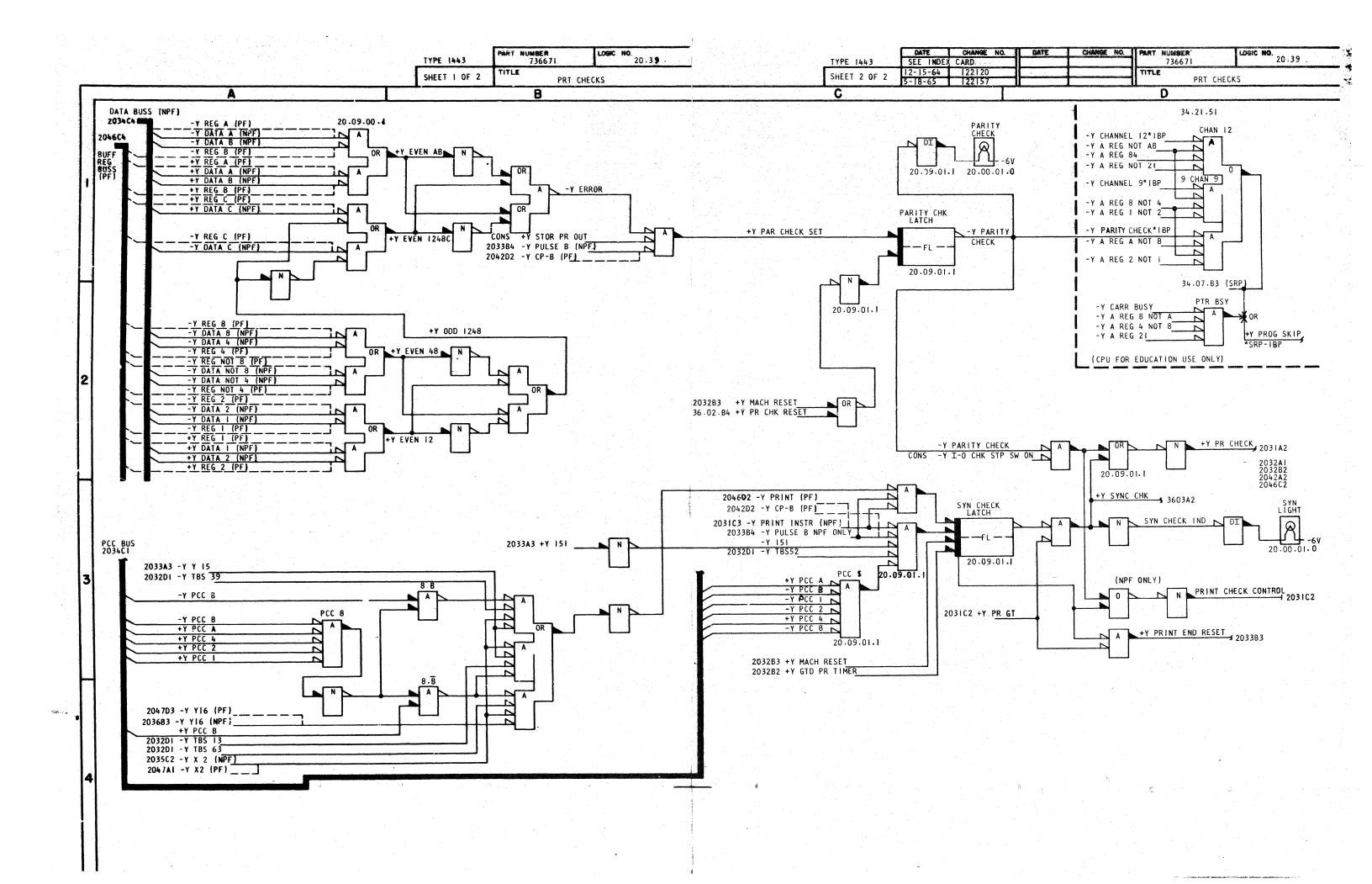
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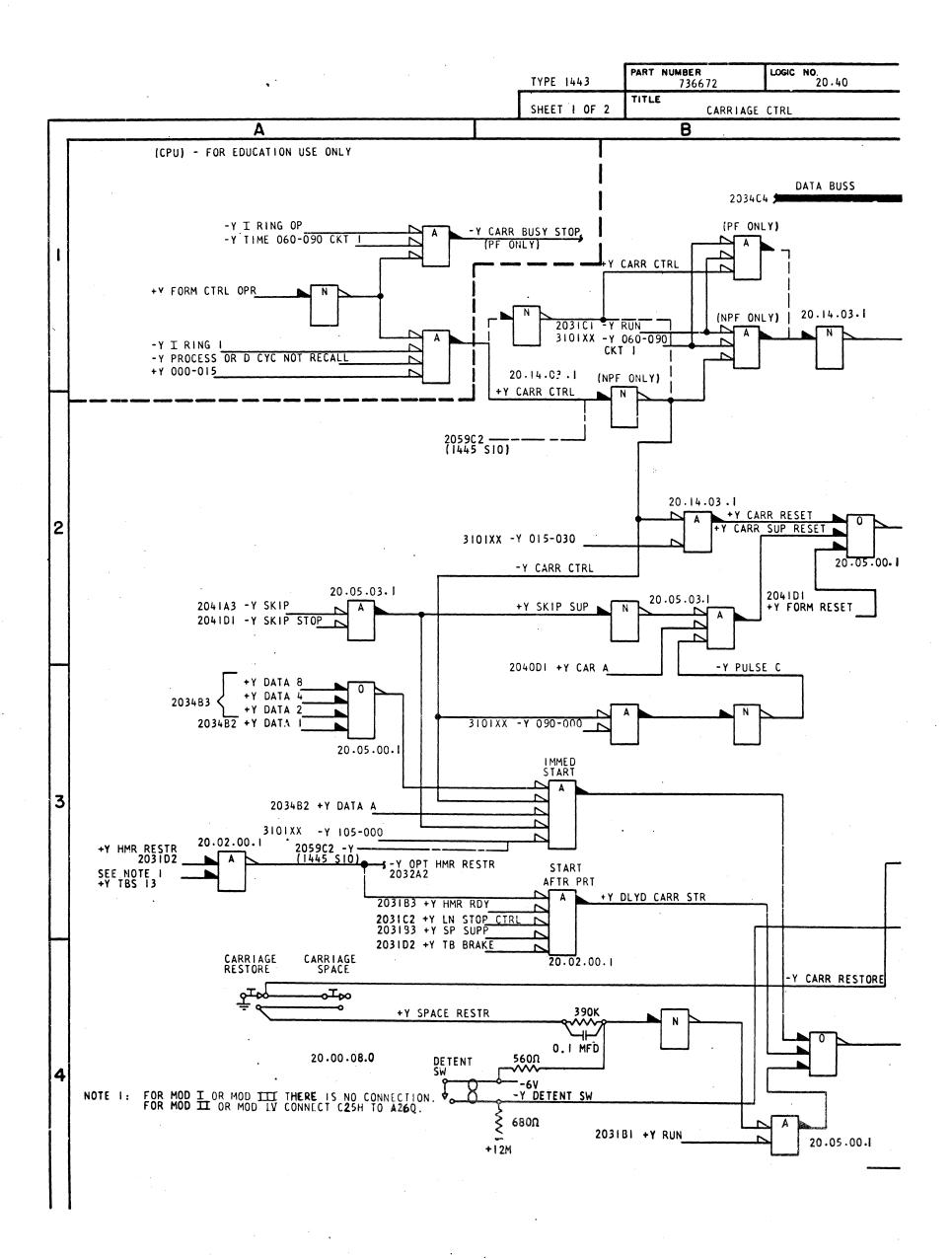
TYPICAL HAMMER CIRCUIT



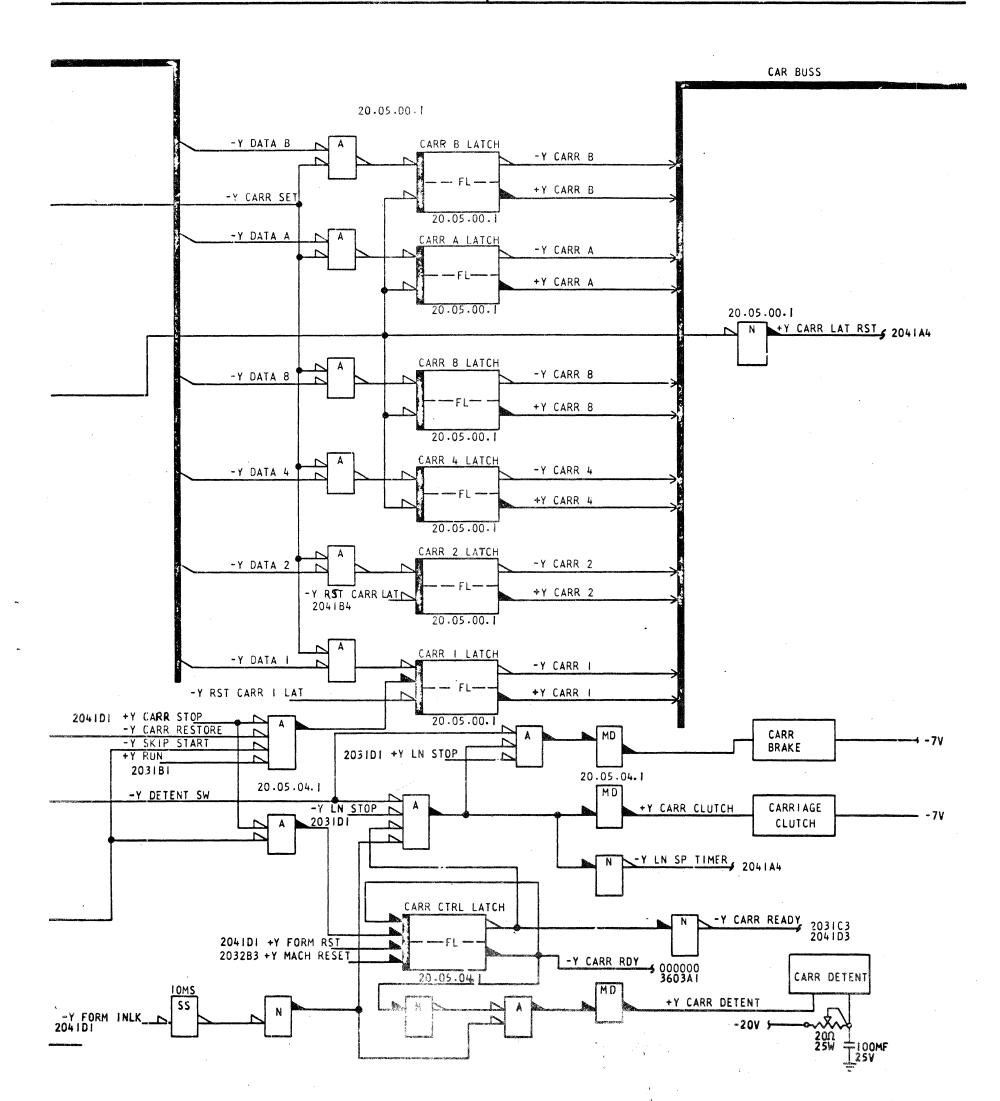
				•		
DRIVER	CABLE	CARD	HAMMER	DRIVER	CABLE CARD	. HAMMER
PGS		RETURN	COIL	POS	INPUT RETURN	COIL
100/7					•	
10067 1006A	AIA AIB	A2A A28	001	IC138	A7P A8P	073
1C06B	AIC	A2C	002 003	1C13M	A7Q A8Q	074
1006M	AID	AZD	004	1C13T	A7R A8R	075
I COST	AIE	AZE	005	IC13V IC13F	A9A AIQA	076
1C06V	AIF	A2F	006	10130	A9B A10B A9C A10C	97 <i>7</i> 07 8
ICO6F	AIG	A2G	007	10134	A9D A100	079
1C06U	AIH	A2H	008	IC13K	A9E A10E	080
ICO6Y	AIK	A2K	009	10147	A9F A10F	081
ICO6K	AIL	A2L	010	ICI4A	A9G ALOG	082
10077	AIM	A2M	011	1C14B	A9H A1OH	083
1C07A	AIN	A2N	012	ICI4M	A9K A10K	084
1C07B 1C07M	AIP	A2P	013	ICI4T	A9L AIOL	085
1C07T	AIQ AIR	A2Q A2R	014 015	10147	A9M A10M	086
1C07V	A3A	AZA	016	1C14F	A9N A1ON	087
ICO7F	A3B	A2B	017	1014U 1014Y	A9P A10P	880
1C07U	A3C	A2C	018	1C14K	A9Q A10Q A9R A10R	089
1C07Y	A3D	A2D	019	10157	ALIA ALOA	090 091
ICO7K	A3E	AZE -	020	ICISA	ALIB ALOB	092
10087	A3F	A2F	021	IC15B	ALIC ALOC	093
1C08A	A3G	A2G	022	1C15M	ALID ALOD	094
1C08B	A3H	A2H	023	ICIST	ALLE ALDE	095
1 C 08 M	A3K	A2K	024	10157	ALIF ALOF	096
ICOST	A3L	A2L	025	1C15F	AIIG AIOG	097
1008V	A3M	A2M	026	10150	HOIA HIIA	098
1C08F 1C08U	A3N	A2N	027	10154	AIIK AIOK	099
1C08Y	A3P	A2P	028	ICISK	AIIL AIOL	100
C08K	A3Q A3R	A2Q A2R	029 030	10167	ATTM ATOM	101
C097	AHA	A5A	031	IC16A	ATIN ATON	102
C09A	A4B	A5B	032	1C16B 1C16M	ALIP ALOP	103
C09B	A4C	A5C	033	ICIGT	AIIQ AIOQ AIIR AIOR	104 105
C09M	A40	A5D	034	1C16V	AIZA AIJA	106
C09T	A4E	A5E	035	1616F	AIZB AI3B	107
C09V	A4F	A5F	036	10160	ALZC ALZC	108
CO9F	A4G	A5G	037	10164	A120 A130	109
C09U	А4н А4к	A5H	038	IC16K	AIZE AISE	110
C19K	A4L	A5K	039	10177	AIZF AI3F	111
C:07	AHM	A5L A5M	040 041	1C17A	A12G A13G	112
CIOA	A4N	A5N	042	10178	AI2H AI3H	113
CIOB	AHP	A5P	043	1C17M 1C17T	AI2K AI3K AI2L AI3L	114
CIOM	A4Q	A5Q	044	ICI7V	AI2M AI3M	115
CIOT	A4R	A5R	045	IC17F	AIZN AI3N	117
CIOV	A6A	A5A	046	10170	AIZP AI3P	118
CIOF	A68	A5B	047	IC17Y	A12Q A13Q	119
CIOU	A6C	A5C	048	IC17K	AIZR AI3R	120
CIOY	A6D	A5D	049	10187	AI4A AI3A	121
CIOK	A6E	A5E	050	ICI8A	AI4B AI3B	122
CII7 CIIA	A6F A6G	A5F	05!	1C18B	AI4C AI3C	123
CIIB	A6H	A5G A5H	052	1C18M	A140 A130	124
CIIM	A6K	A5K	053 054	· 1018T	AI4E AI3E	125
CIIT	AGL	ASL	055	10187	AI4F AI3F	126
CIIV	A6M	A5M	056	1C18F	AI4G AI3G	127
CIIF	A6N	A5N	057	1C18U 1C18Y	A14H A13H A14K A13K	128
CIIU	ASP	A5P	058	IC18K	AI4L AI3L	129 130
CITY	A6Q	A5Q	059	10197	· AI4M AI3M	131
CIIK	A6R	A5R	060	IC 19A	AIAN AISH	132
127	A7A	A8A	061	10198	A14P A13P	133
12A 12B	A78	A88	062	. IC19N	AI4Q AI3Q	134
C128	A7C A7D	A8C A8D	063	10197	AI4R AI3R	135
CIZT	A7E	A8E	064 065	10194	AISA AIGA	136
C12V	A7F	A8F	066	1C19F	A158 A168	137
CIZF	A7G	A8G	067	10190	AISC AIGC	138
C 1 2U	A7H	A8H	068	1C19Y 1C19K	AISD AIGD	139
C12Y	A7K	A8K	069	10207	AISE AIGE AISF AIGF	140 141
C 1 2K	A7L	A8L	070	1C20A	A15G A16G	141
C137	A7M	M8A	071	. 1C20B		
CISA	A7N	ABN		. 1L/UB	AISH AIGH	143

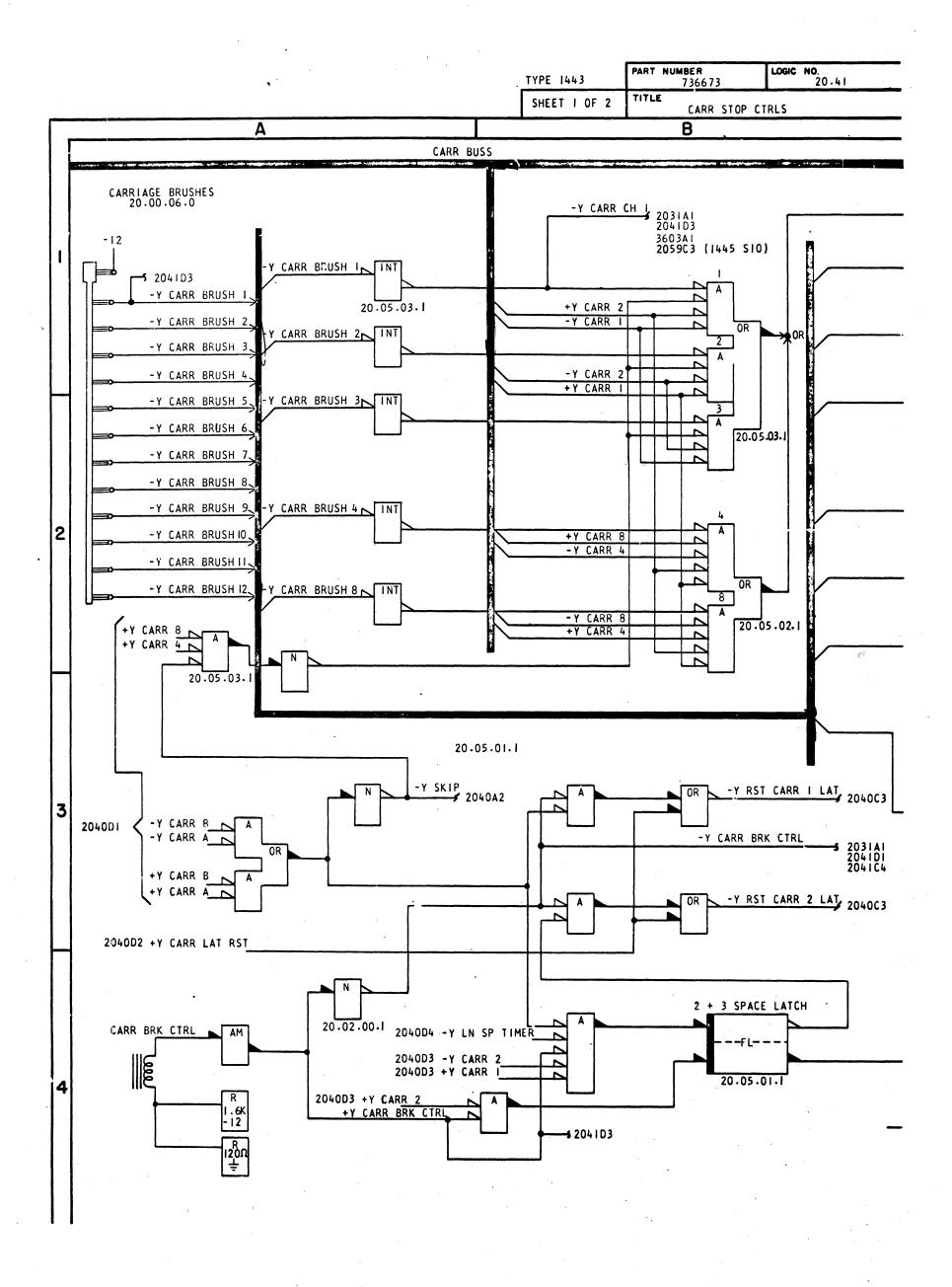
OTES:
I PIN "J" HAMMER COMMON
II POS 1-120 BASIC MACHINE (MOD I/II)
121-144 OPTIONAL
III BLACK COIL LEAD TO HAMMER COMMON
IX POS 1-144 STANDARD (MOD III/IX)



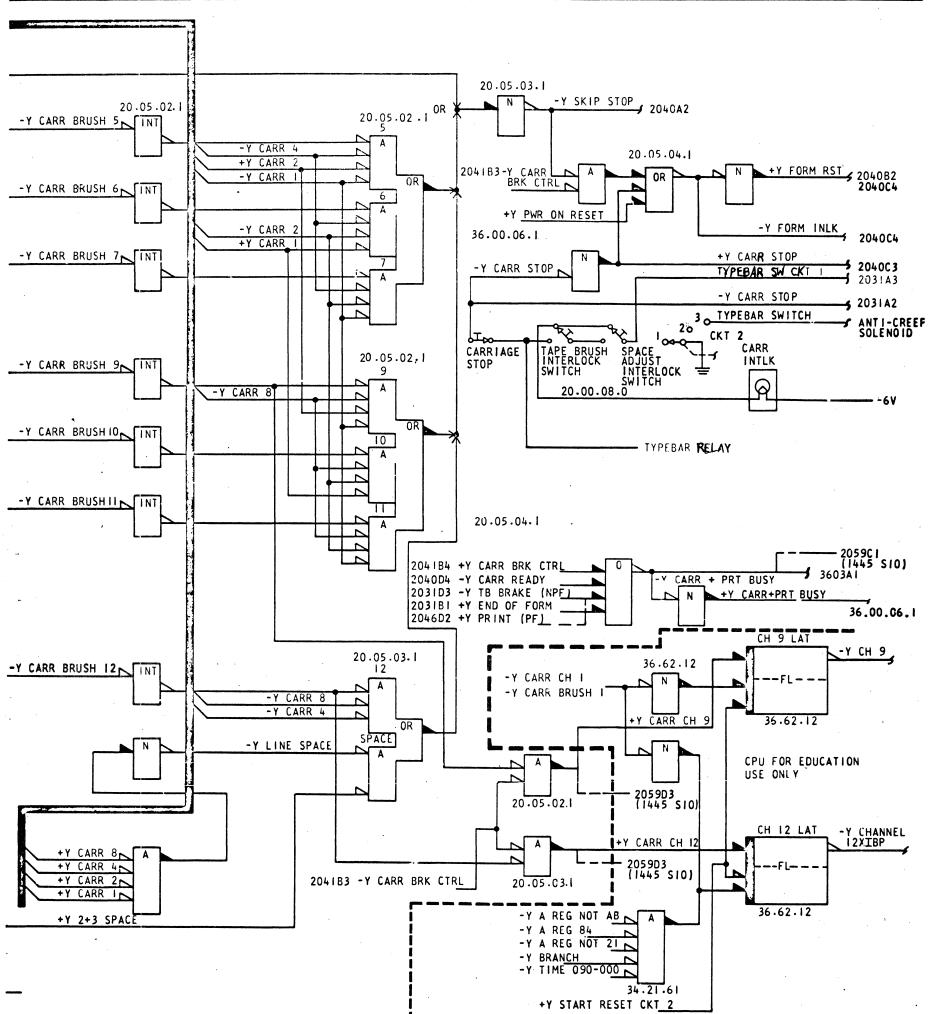


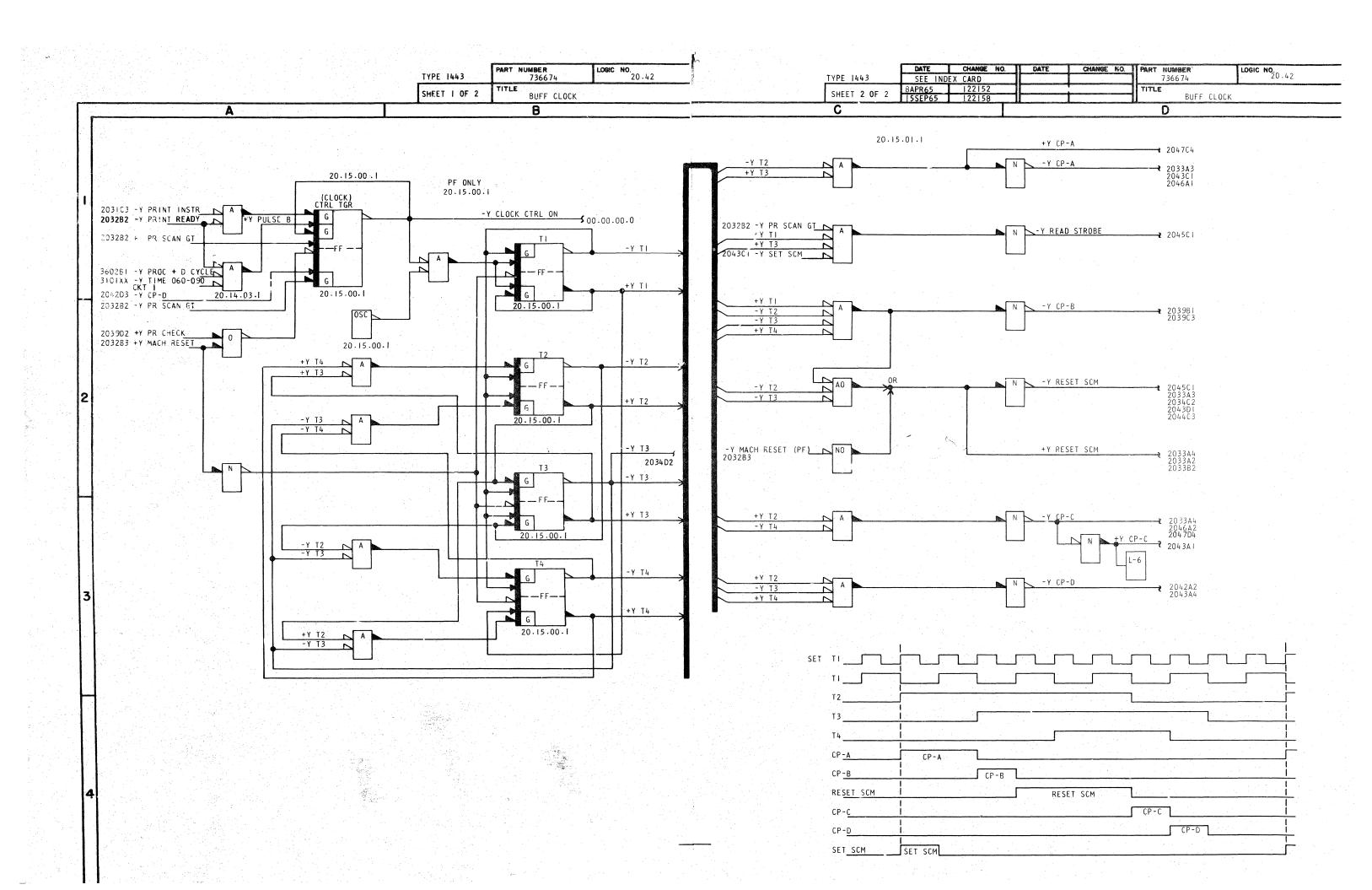
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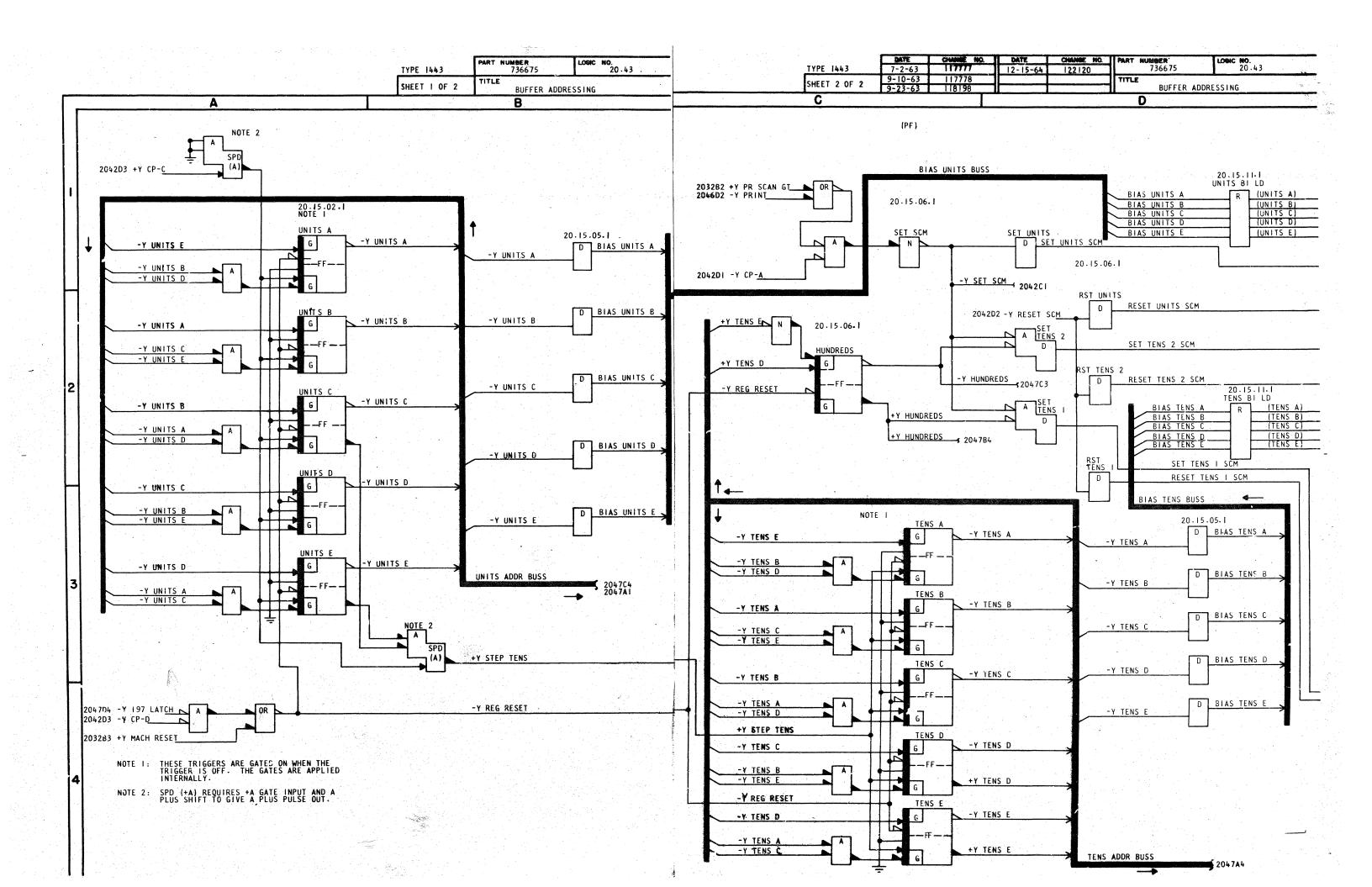


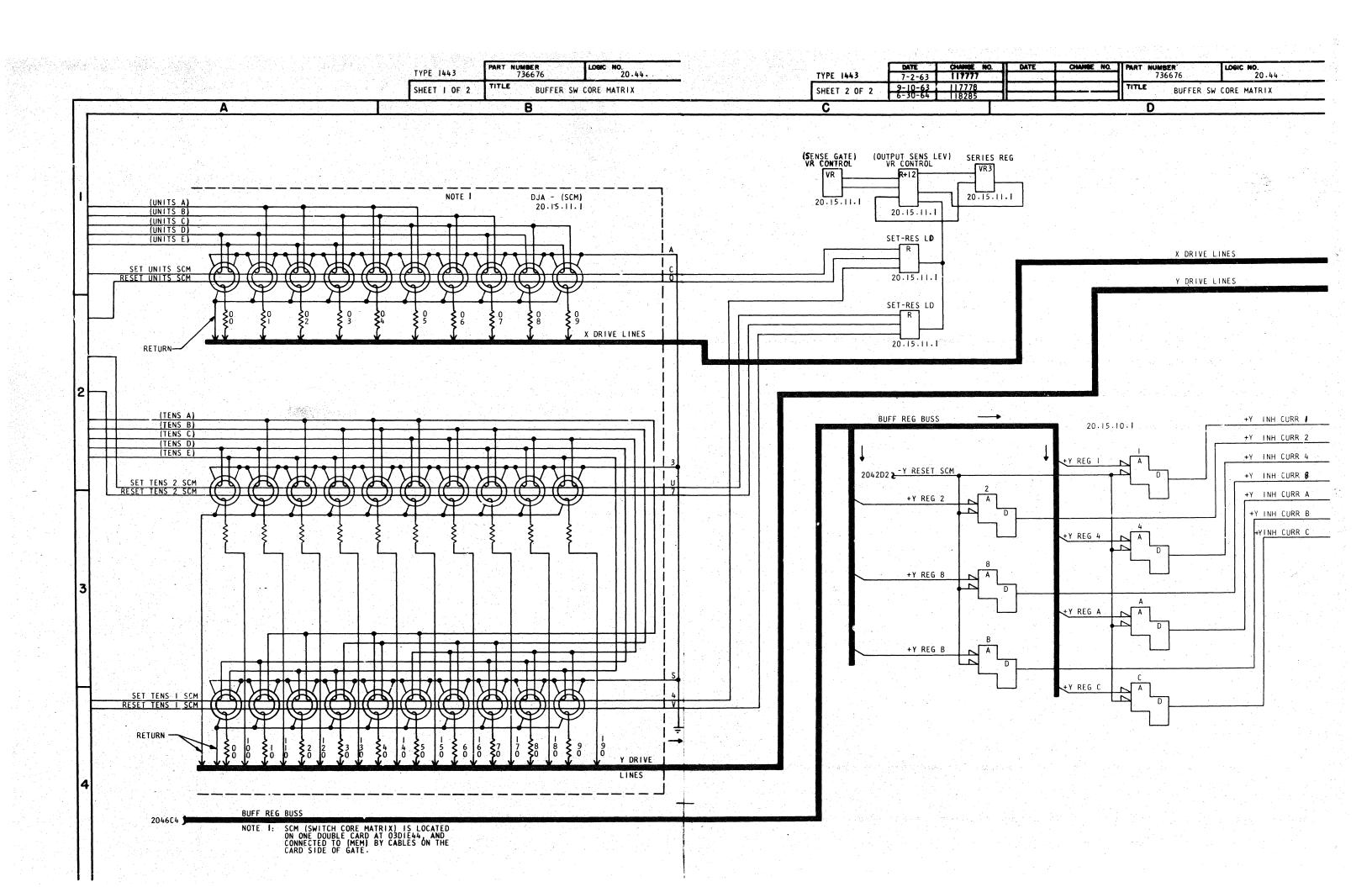


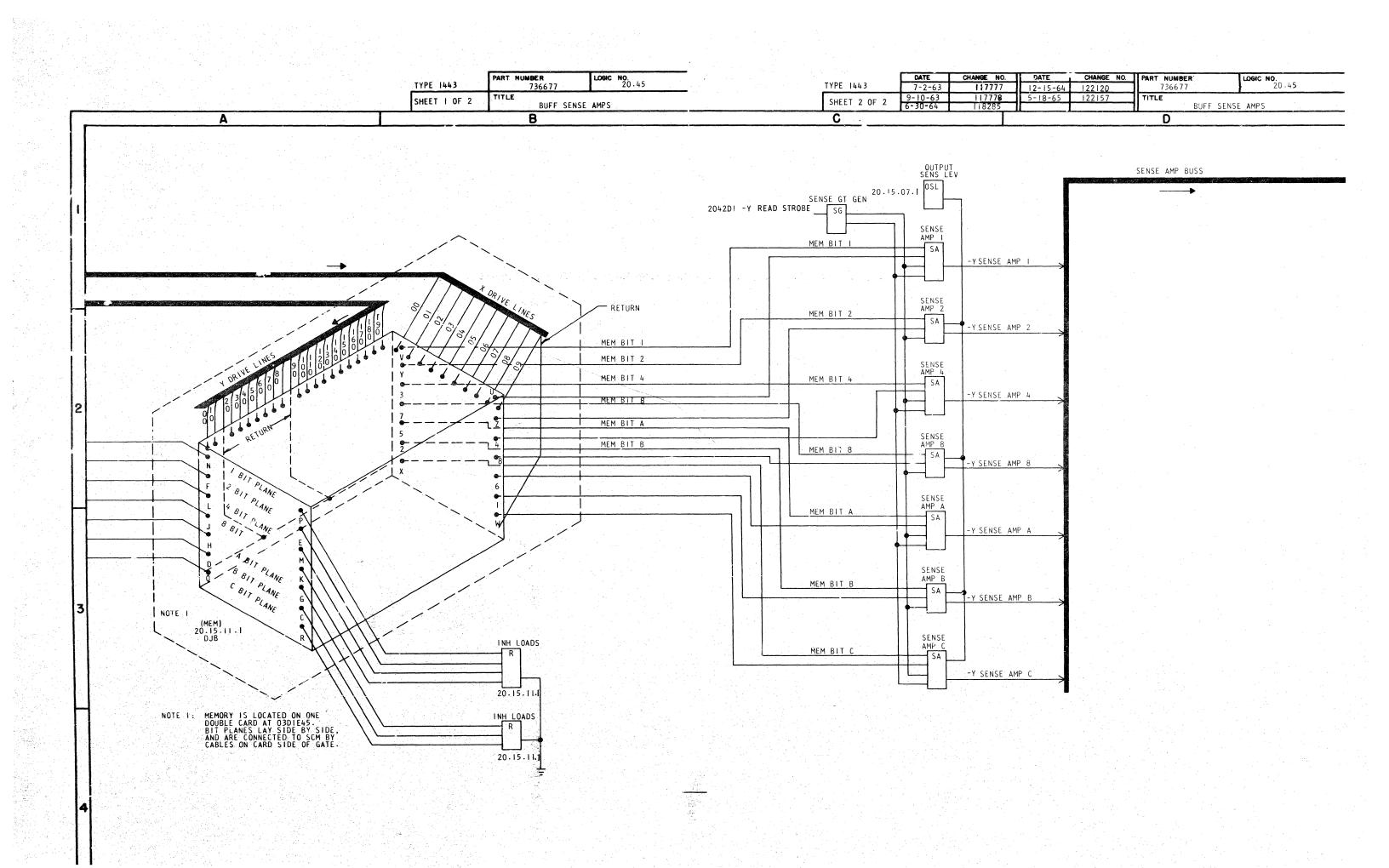
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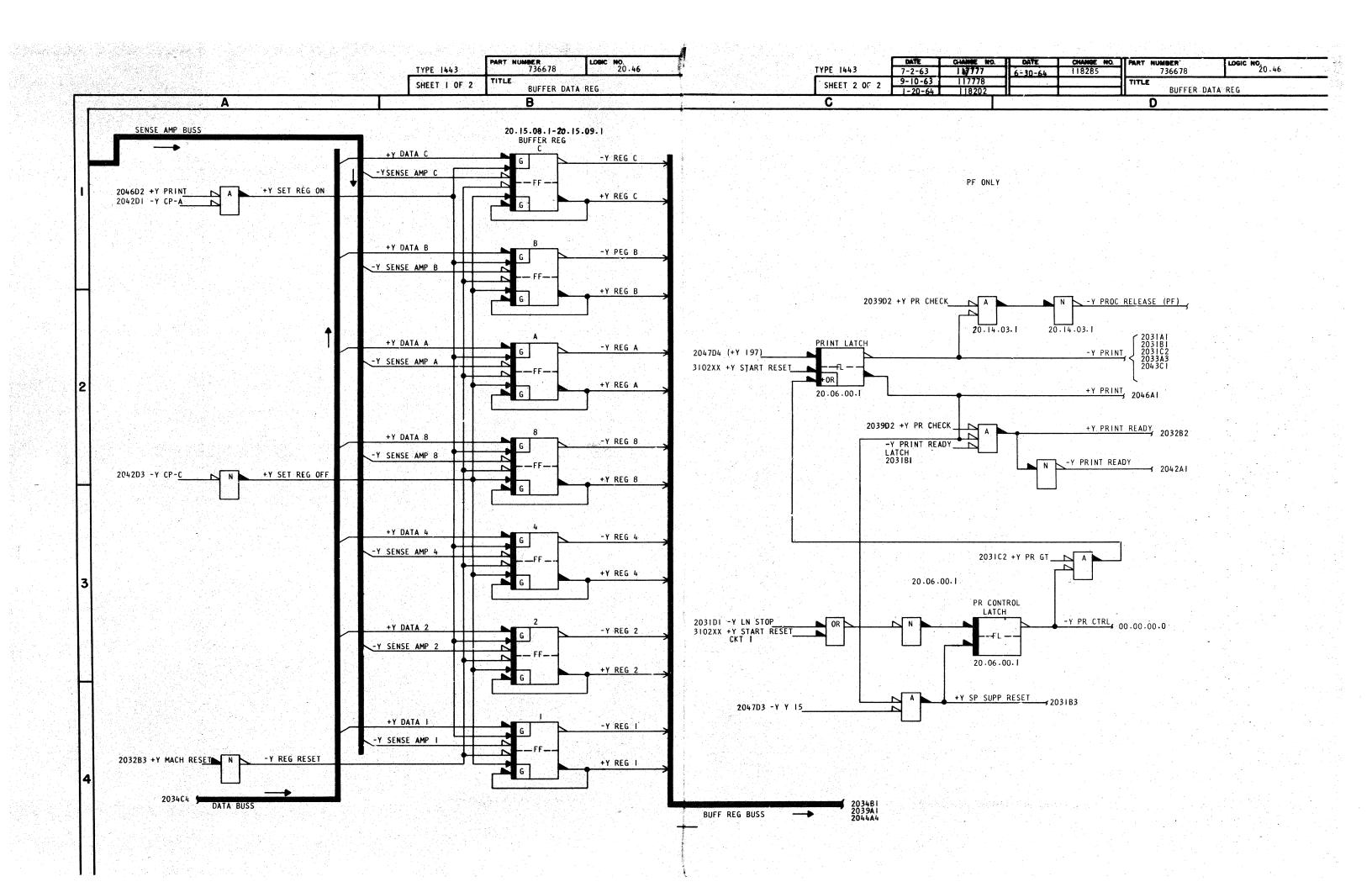


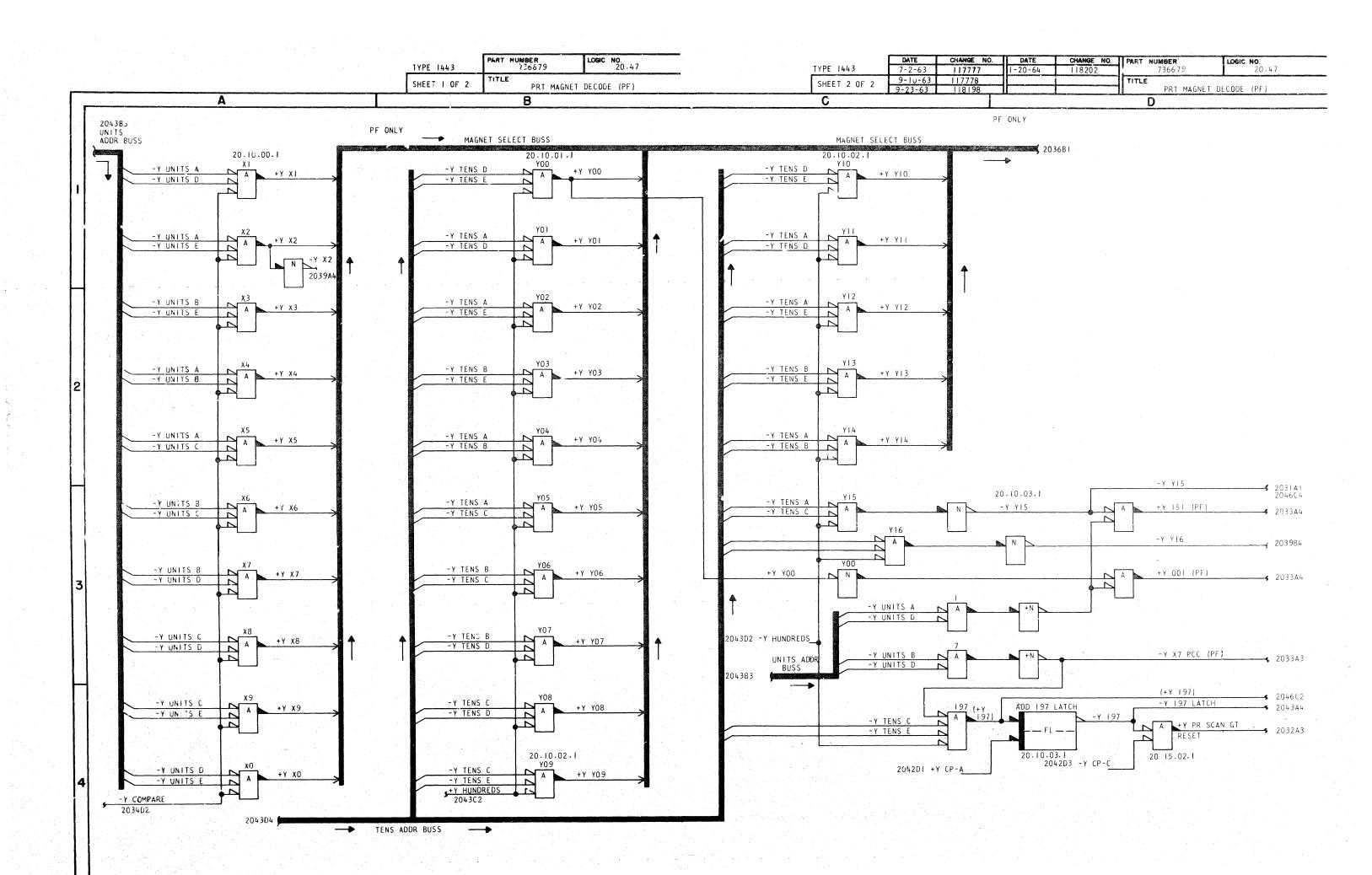


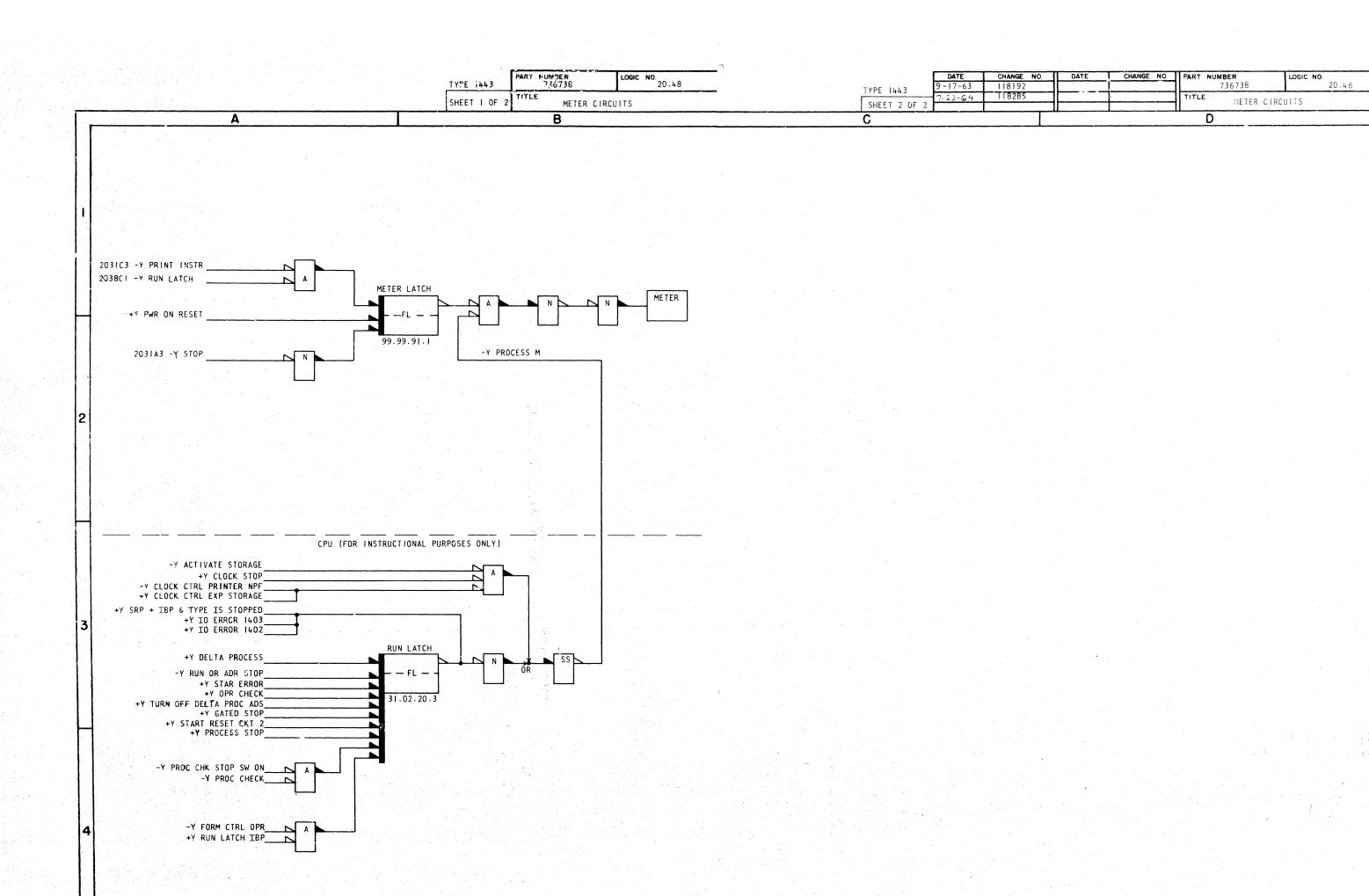


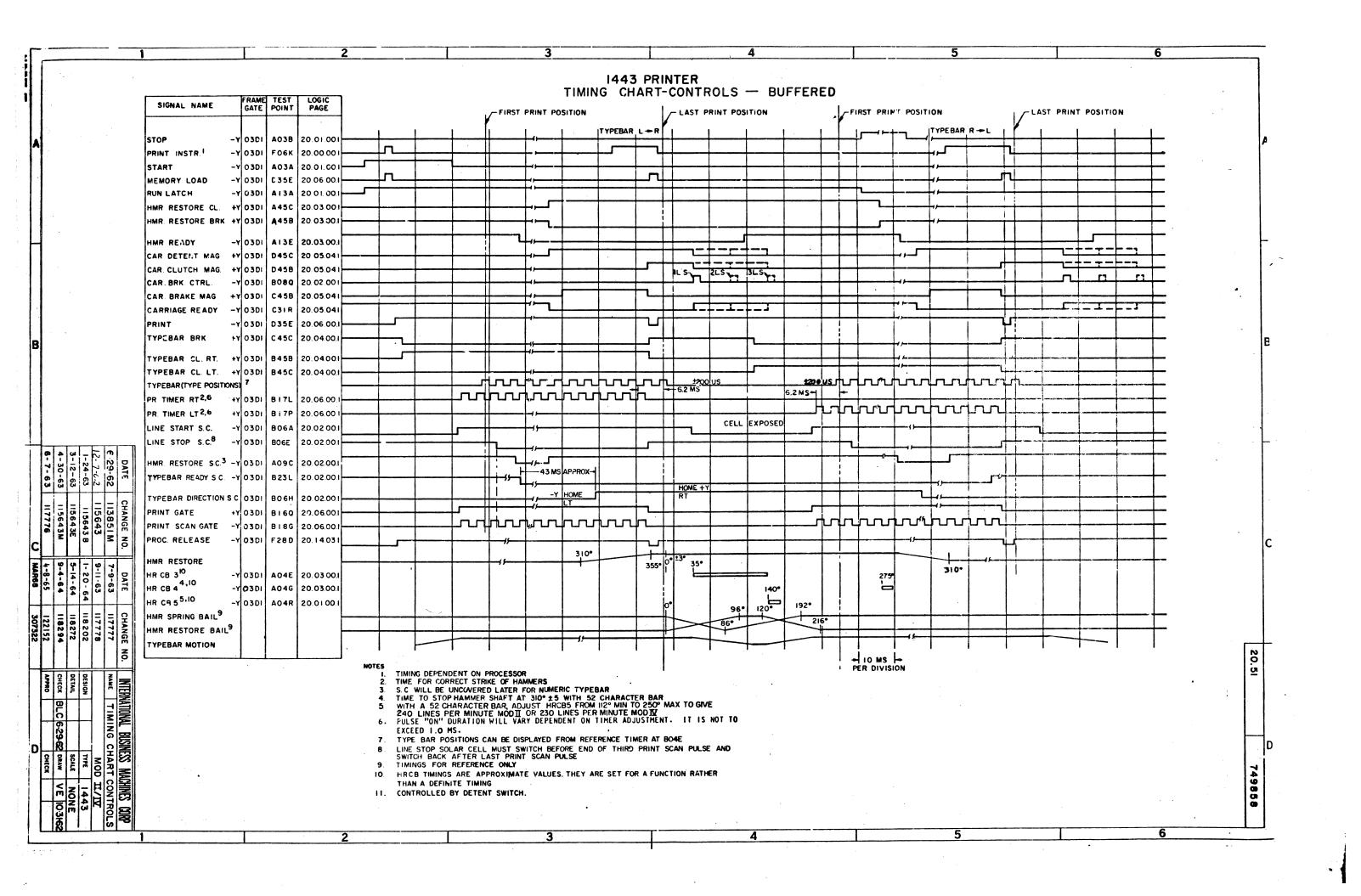


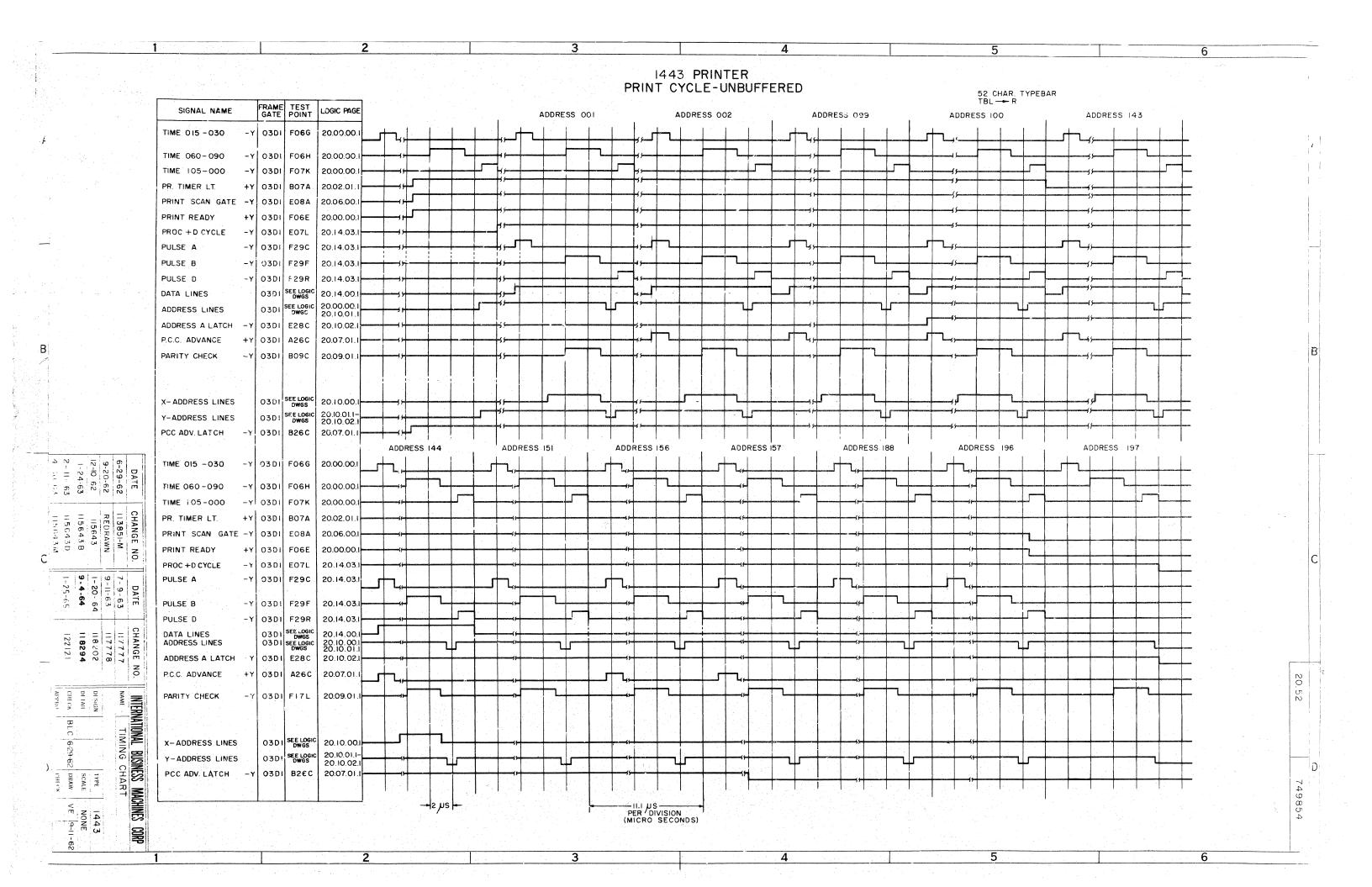


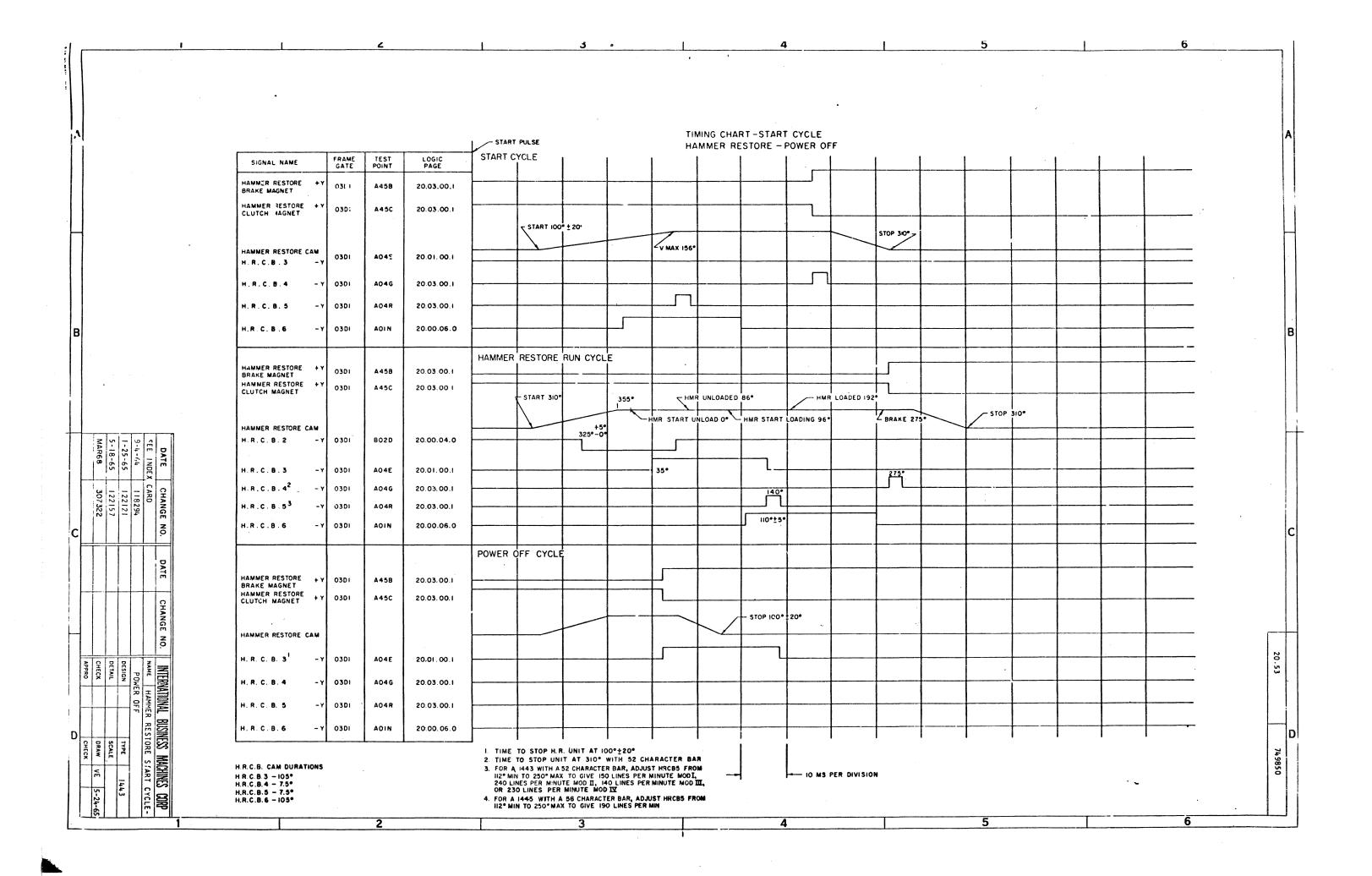


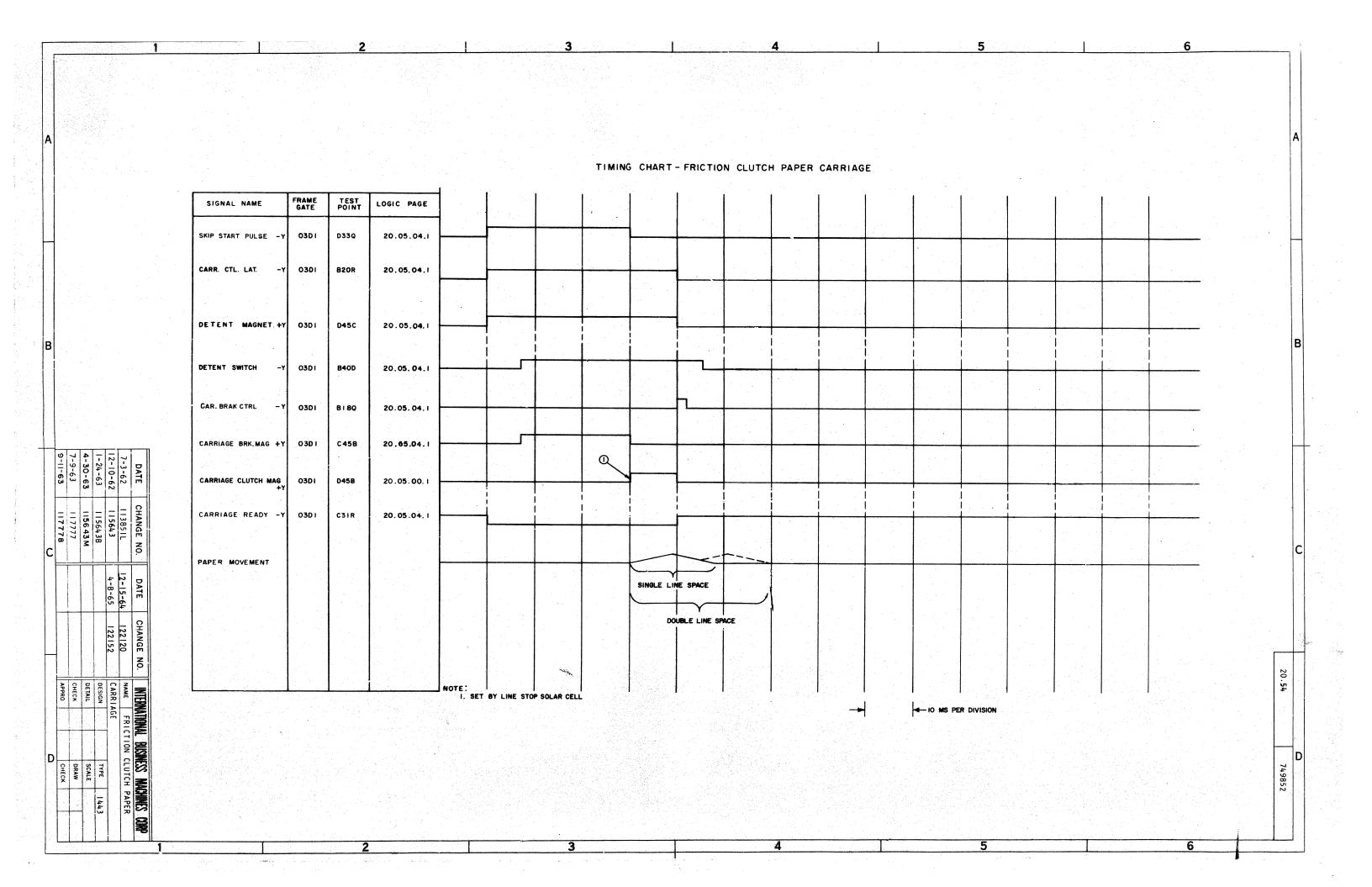


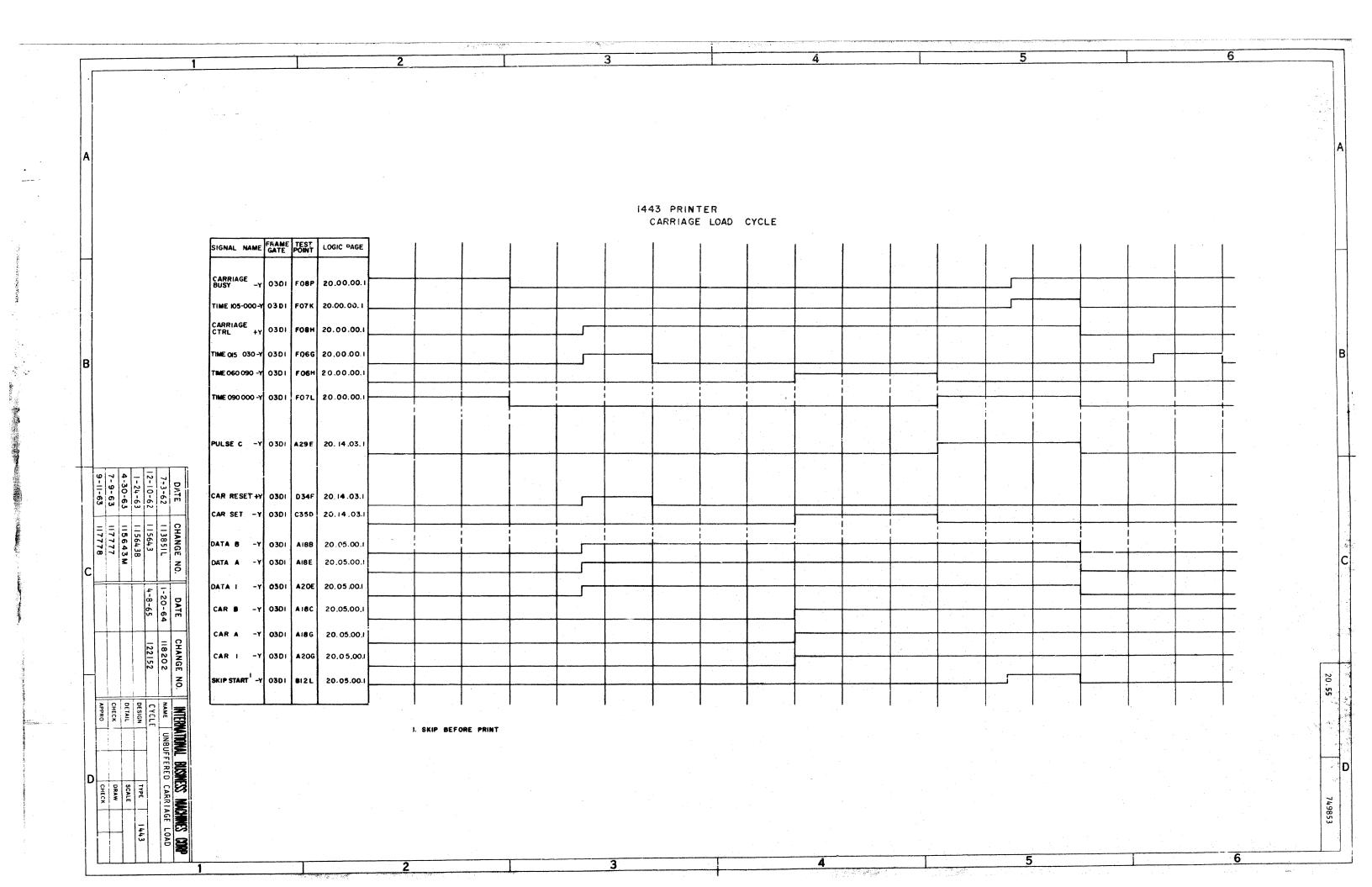


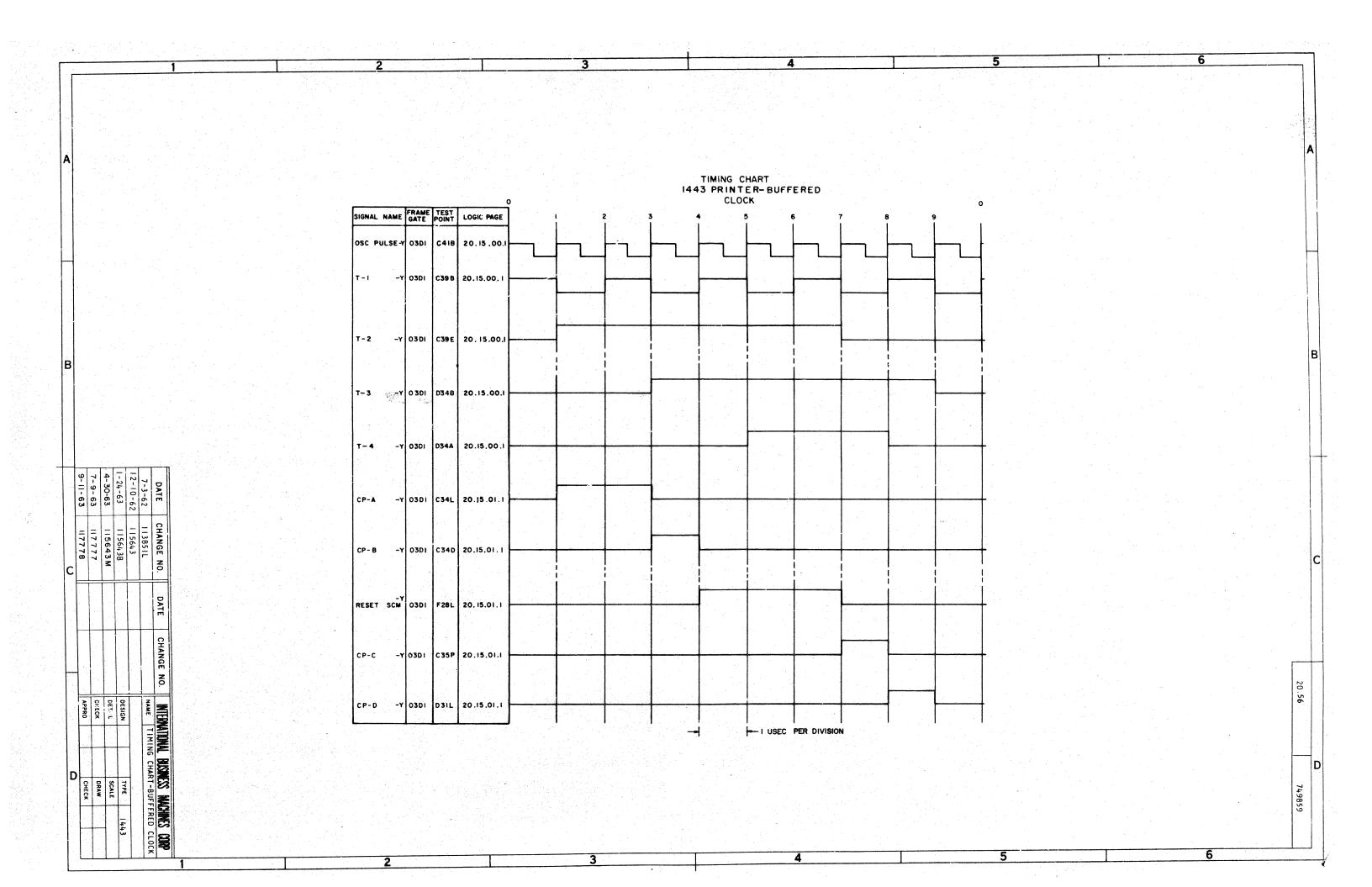


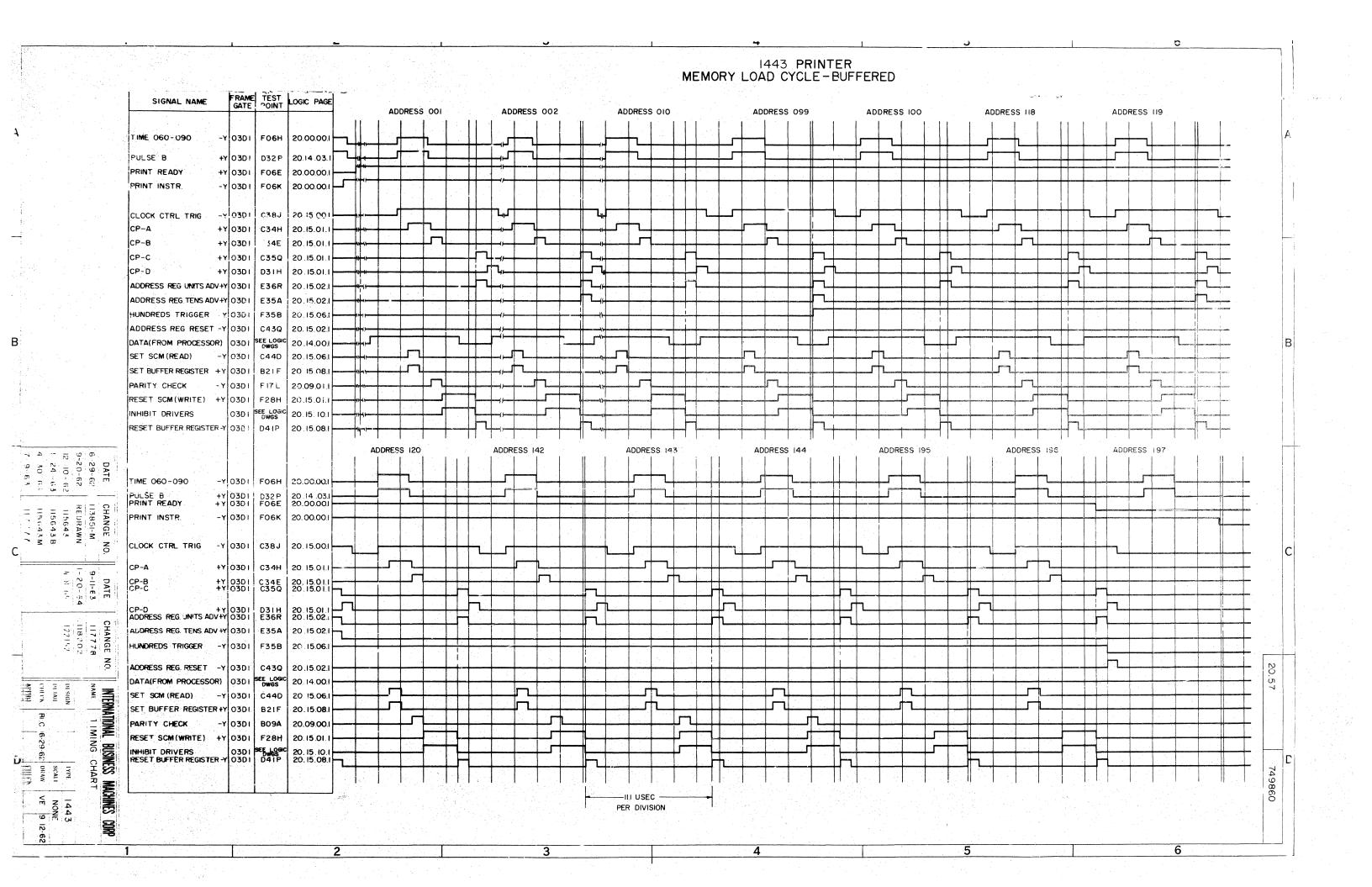












SHEEL 1 OF 5

- UNPACKING AND MACHINE LOCATION
 - I. REMOVE PACKAGING AND INSPECT FOR PHYSICAL DAMAGE RESULTING FROM SHIPMENT.
 - IF MACHINE IS UPENDED, RIBBON DRIVE MOTOR OIL WILL SPILL: CUSTOMER ENGINEER SHOULD CHECK, REFILL AND CLEAN UP IF NECESSARY.
 - PERFORM UNPACKING INSTRUCTIONS.
 - WITH THE COMPLETION OF THE 1443 OR 1445 UNPACKING INSTRUCTION, ROLL THE PRINTER MODULE TO ITS PERMANENT LOCATION. THE FOLLOWING CARTONS DETAILED ON THE PACKING UNPACKING INSTRUCTION DRAWING ACCOMPANY THE PRINTER. PER MACHINE TYPE

BER 854637 - PRINTER LEG (PREVIOUSLY REMOVED IN THE UNPACKING INSTRUCTIONS)
OR 749830 - (OLD STYLE PRINTER LEG) NUMBER 854637

749500 - MISCELLANEOUS ACCESSORIES PACKAGE GROUP (PACKED IN 398866 CARTON WITH BILL OF MATERIAL IDENTIFIED)
740700 - FORMS FEED AND STACKER GROUP (PACKED IN CARTON WITH BILL OF MATERIAL IDENTIFIED)
749510 - MAINTENANCE PACKAGE GROUP (PACKED IN ENVELOPE WITH ACKED IN ENVELOPE WITH 1443-B/M NUMBER 1445-B/M NUMBER 443/1445 B/M NUMBER 740700

1443-B/M NUMBER 749510 1445-B/M NUMBER 398867 BILL OF MATERIAL IDENTIFIED - NOT SHOWN ON UNPACKING INSTRUCTION) MICR RIBBON FEED MECHANISM (PACKED IN CARTON WITH BILL OF 1445-B/M NUMBER 398895

MATERIAL IDENTIFIED) - ACOUSTICS GROUP (PACKED IN CARTON WITH BILL OF MATERIAL IDENTIFIED) NOTE: THIS B/M IS ONLY SHIPPED WITH MACHINES SPECIFYING A 13 CHARACTER BAR AS PART OF INITIAL ORDER. 1443-B/M NUMBER 5153006

- CHECK THE MISCELLANEOUS ACCESSORIES PACKAGE GROUP, NUMBER 749500, (1443) OR 398866 (1445) AGAINST ITS BILL OF MATERIAL TO INSURE THAT ALL PARTS ARE RECEIVED.
- DO NOT REMOVE THE SHIPPING CASTERS UNTIL ALL SYSTEM INTERCONNECTING CABLING IS COMPLETED.
- DO NOT OPEN THE 1443 OR 1445 TO PRINT POSITION UNTIL INSTRUCTED TO IN THIS INSTRUCTION.
- FOR RAISED FLOOR INSTALLATION, ROUTE THE CABLES THROUGH THE BASE HOLE TO THE INTER-CONNECTING UNIT IN THE MOST CONVENIENT MANNER.
- FOR NON RAISED FLOOR INSTALLATION, ROUTE THE CABLES THROUGH THE BASE HOLE ALONG THE CHANNEL OF THE ELECTRONIC CABINET IN THE DIRECTION OF THE INTER-CONNECTING UNIT.
- MOUNT CABLE CONNECTOR STRAIN RELIEFS AT THE CABINET BASE HOLE AS SHOWN IN FIGURE 1. EXTRA CABLE LENGTH CAN BE ROLLED UP IN BASE.
- REFER TO INTERCONNECTING SYSTEM INSTALLATION INSTRUCTIONS AND PERFORM INTERMACHINE CABLING. SEE STEP II FOR 1800 SYSTEM.
- ONE SIGNAL CABLE P/N 839770, ONE POWER SEQUENCE CABLE P/N 839767, AND AN AC POWER CORD P/N 5152583 IS REQUIRED FOR ATTACHMENT TO THE 1800. FOR ADDITIONAL CONNECTOR INFORMATION, REFER TO 1801 OR 1802 INSTALLATION INSTRUCTIONS.

 A. SIGNAL CABLE P/N 839770: ROUTE THE END LABELED 1801 TO THE TAILGATE AND ATTACH IT TO THE APPROPRIATE SERPENT RECEPTACLE ROUTE CABLE THRU EXISTING CABLE CLAMP ON GATE POST OF 1443 MACHINE, TOGETHER WITH EXISTING RIBBON CABLES. SPREAD CABLE TO FIT EVENLY WITHIN CLAMP. ATTACH THE PADDLE CARDS ON THE 1443 END TO THE E GATE PADDLE LOCATIONS 03EIF09 AND 03EIF10 USING THE NUMBERS MARKED ON THE CABLE PADDLES AS A GUIDE.

- DC POWER CABLE P/N 839767. ROUTE THE END LABELED 1800 TO THE TAILGATE AND ATTACH IT TO THE APPROPRIATE CANNON CONNECTOR. ROUTE THE OTHER END OF THE CABLE TO THE 1443 AND ATTACH IT TO THE 1443 P5 CONNECTOR LOCATED BEHIND THE 1443 FUSE PANEL. AC POWER CORD P/N 5152583 ATTACH CONNECTOR END TO APPROPRIATE CONNECTOR IN 1801 OR 1802. ROUTE OTHER END OF CABLE TO THE 1443 AND ATTACH IT TO THE CABLE EXTENDING FROM THE FILTER BOX. (5152584)
- MOUNT CABLE CONNECTOR STRAIN RELIEF AS SHOWN IN FIG. 1.

PRE-POWER

THE PRIMARY POWER CONNECTION AT THE 7 VOLT POWER SUPPLY TO INSURE TERMINATIONS AGREE WITH SYSTEM VOLTAGE AVAILABLE.

FOR 208 VOLTS AC TERMINATE AT TB3-I AND TB3-4. FOR 230 VOLTS AC TERMINATE AT TB3-I AND TB3-5.

- I.I IN THE 1800 THERE ARE THREE TRANSFORMERS IN E GATE WHICH MAY REQUIRE VOLTAGE TAP CHANGES. THESE ARE LOCATED IN A, B, AND C ROW BETWEEN POSITIONS 8 AND 15. FOR 208V AC, A JUMPER IS REQUIRED BETWEEN TERMINALS I AND 4 ON THE TRANSFORMER WINDING. FOR 230V AC, THE JUMPER SHOULD BE BETWEEN TERMINALS I AND 5. IT IS NECESSARY TO REMOVE THE TRANSFORMERS FROM THE GATE IN ORDER TO REWIRE THEM. CHECK THAT THE LABEL OR MARKING ON THE TRANSFORMERS DISPLAYS THE CORRECT VOLTAGE THE TRANSFORMERS ARE WIRED FOR. ALSO MAKE TRANSFORMER T3 VOLTAGE TAP CHANGES AS REQUIRED. FOR 208V AC THE TRANSFORMER TAPS ARE T3-I AND 2. FOR THE 230V AC, THE TAPS ARE T3-I AND 3. SEE LOGIC PAGE 19.00.10.0 FOR REFERENCE. T3 IS FASTENED TO THE MACHINE BASE BEHIND THE POWER SEQUENCE BOX.
- ASSEMBLE GLIDES TO PRINTER LEG AS SHOWN IN FIGURE 2. ASSEMBLE PRINTER LEG TO SUB-BASE AS SHOWN IN FIGURE 2.
- SCREW DOWN THE FOUR GLIDES LOCATED IN THE CORNERS OF THE ELECTRONIC CABINET UNTIL CASTERS ARE JUST LIFTED OFF THE FLOOR. REMOVE THE CASTERS AND STORE IN CASTER CARTONS IN THE BASE OF THE ELECTRONIC CABINET.
- LOOSEN THE CASTER MOUNTING SUPPORT BOLTS AND PIVOT THE SUPPORTS UNDER THE CABINET: TIGHTEN THE BOLTS:
- WITH THE MACHINE ELEVATED ON ITS GLIDES, LOWER ONE END AT A TIME BY ALTERNATELY SCREWING THE FRONT AND REAR GLIDES UP INTO THE MACHINE UNTIL THE GLIDES ARE TIGHT. LOWER THE OTHER END, USING THE SAME PROCEDURE.

CPENING PRINTER TO PRINT POSITION:

FACING THE BACK OF THE PRINT MECHANISM, LOOSEN THE PRINTER PIVOT SCREW AND REMOVE THE POSITIONING - LOCKING SCREW LOCATED INSIDE THE CABINET ON THE TOP PANEL: SEE FIGURE 3.

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SHEET 2 OF 5

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PRE-POWER (CONTINUED)

SLIDE THE PRINTER IN A CLOCKWISE DIRECTION (90° FROM THE ELECTRONIC CABINET) TO PRINT POSITION.

IF THE CUSTOMER FLOOR IS SUCH THAT DAMAGE MAY RESULT BY SLIDING THE PRINT MECHANISM, ASSISTANCE SHOULD BE ATTAINED BEFORE THE MECHANISM IS LIFTED. PRINTER OVERHANG WEIGHT APPROXIMATELY 172 POUNDS.

REPLACE AND TIGHTEN LOCKING SCREW IN PRINT POSITION LOCKING SCREW HOLE. SEE FIGURE 3.

TIGHTEN PIVOT SCREW.

REMOVE MASONITE SPACER ON TOP OF ELECTRONIC CABINET AND DISCARD.

DUE TO AN UNEVEN CUSTOMER FLOOR. IT MAY BE NECESSARY TO RE-LEVEL THE 1443 OR 1445 AFTER THE PRINT MECHANISM IS IN PRINT POSITION AND THE FORM STACKER IS INSTALLED.

ASSEMBLE TIE BAR TO THE PRINTER LEG AND ELECTRONIC CABINET AS SHOWN IN 10. FIGURE 4.

ACCESSORIES INSTALLATION:

- ACOUSTICS GROUP FOR MACHINES UTILIZING 13 CHARACTERS BAR CHECK THE 13 CHARACTER BAR ACOUSTICS GROUP NUMBER 5153006 AGAINST IT'S BILL OF MATERIAL TO INSURE THAT ALL PARTS ARE RECEIVED. ASSEMBLE INLET DUCTS PART NUMBERS 736716 AND 736717 WITH SCREWS PART NUMBER 83606. AS SHOWN IN FIGURE 5 (1443 ONLY)
- SECURE INLET DUCTS PREVIOUSLY ASSEMBLED IN STEP II TO MACHINE SUB-BASE WITH MOUNTING SCREWS, PART NUMBER 28413, AS SHOWN IN FIGURE 5. 12.
- ASSEMBLE THE MICR RIBBON FEED MECHANISM B/M NUMBER 398895 PER SUPPLEMENTAL INSTALLATION INSTRUCTION PART NUMBER 398546 FOR THE 1445: ACCOMPANYING THIS INSTRUCTION.

FORMS FEED AND STACKER GROUP:

- CHECK THE FORMS FEED STACKER PACKAGE GROUP, NUMBER 740700, 1443/1445 AGAINST ITS BILL OF MATERIAL TO INSURE THAT ALL PARTS ARE RECEIVED.
- ASSEMBLE GLIDE, PART NUMBER 749077, TO FORMS FEED SUPPORTS AS SHOWN IN FIGURE 5.
- ATTACH FORMS FEED SUPPORTS, PART NUMBERS 749432 AND 749433, TO THE STACKER ASSEMBLY, PART NUMBER 740686, USING SCREWS, PART NUMBER 257622, AS SHOWN IN FIGURE 5. DO NOT TIGHTEN SCREWS.
- USING SCREWS, PART NUMBER 32042, SECURE THE STACKER ASSEMBLY TO THE 1443 OR 1445 SUB-FRAME. SEE FIGURE 5.

ROTATE THE SUPPORTS (DOTTED POSITION IN FIGURE 5) TO FACILITATE ASSEMBLY OF THE STACKER TO THE MACHINE FRAME.

- RE-POSITION SUPPORTS TO INSTALLED POSITION, SECURE SUPPORTS TO THE MACHINE TIE BAR USING SCREWS, PART NUMBER 90261, AS SHOWN IN FIGURE 5. TIGHTEN SCREWS, PART NUMBER 257622, PREVIOUSLY INSTALLED IN STEP 16. 18.
- 19. SECURE FORMS FEED TRAY, PART NUMBER 749434, USING SCREWS, PART NUMBER 32042, AS SHOWN IN FIGURE 5.
- WITH THE FORM STACKER COMPLETELY INSTALLED, LEVEL THE 1443 OR 1445 BY ADJUSTING THE ELECTRONIC CABINET AND PRINTER LEG GLIDES IN CONJUNCTION WITH THE FORM STACKER GLIDES TO PERMIT FORM STACKER GLIDE CONTACT WITH THE FLOOR. FORM GUIDES:
- ATTACH LOWER FORMS GUIDE, PART NUMBER 749782, BY LOOSENING 4 SCREWS ON MOUNTING STUDS PROJECTING THROUGH REAR COVER MOUNTED ON THE CARRIAGE. SEE FIGURE 5.

POSITION FELT EXTENDED ON THE REAR CARRIAGE COVER AS SHOWN BY EXPLODED VIEW IN FIGURE 5.

- FOR THE 1443: INSTALL RIBBON AND BLANK SPOOL, PART NUMBERS 413195 AND 436374, (SHIPPED ON BILL OF MATERIAL NUMBER 749500).
 FOR THE 1445: INSTALL ONE OF THE FOLLOWING AS REQUIRED. SHIPPED ON BILL OF MATERIAL PART NUMBER 398866) RIBBON AND BLANK SPOOL, PART NUMBERS 413195 AND 436374 MICR RIBBON PART NUMBER 424821
- CHECK THAT ALL SMS CARDS ARE FULLY SEATED IN THEIR RECEPTACLES.
- USING HAMMER UNIT CRANK, NUMBER 749205. (SHIPPED ON BILL OF MATERIAL 24. NE CYCLE HAMMER MANUALLY RUIALE UNII DURING THE RESTORE CYCLE, ALL HAMMERS MUST LEAVE THEIR MAGNET POLE FACES.
- POWER ON CHECK
 - CHECK FOR GROUND LOOPS TO THE INTERCONNECTING UNITS CHECK THE -7 VOLT POWER SUPPLY FOR -7 VOLT ±0.5 VOLT BETWEEN TERMINALS TBII-3 AND TBII-8. TBII IS LOCATED ON THE LOWER RIGHT CORNER OF THE WIRING SIDE OF THE SMS GATE. IF THE SUPPLY IS NOT WITHIN SPECIFICATION, SELECT THE PROPER TAPS ON TB-2 ON THE POWER SUPPLY.

CHECK THE DUCT AND GATE BLOWERS FOR PROPER OPERATION.

CHECK OPERATION OF THE FOLLOWING INTERLOCK SWITCHES: 2. 1443 AND 1445 END OF FORMS FORMS GUIDE-RIGHT FORMS GUIDE-LEFT 6-8 LINE DRIVE COVER CARRIAGE TAPE BRUSH BLOCK HAMMER RESTORE SHAFT CRANK

1445 ONLY RIBBON MOTOR MICR PLATEN
MICR END OF RIBBON
MICR RIBBON RACK MICR LOWER FRONT FORM GUIDE

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SHEET 3 OF 5

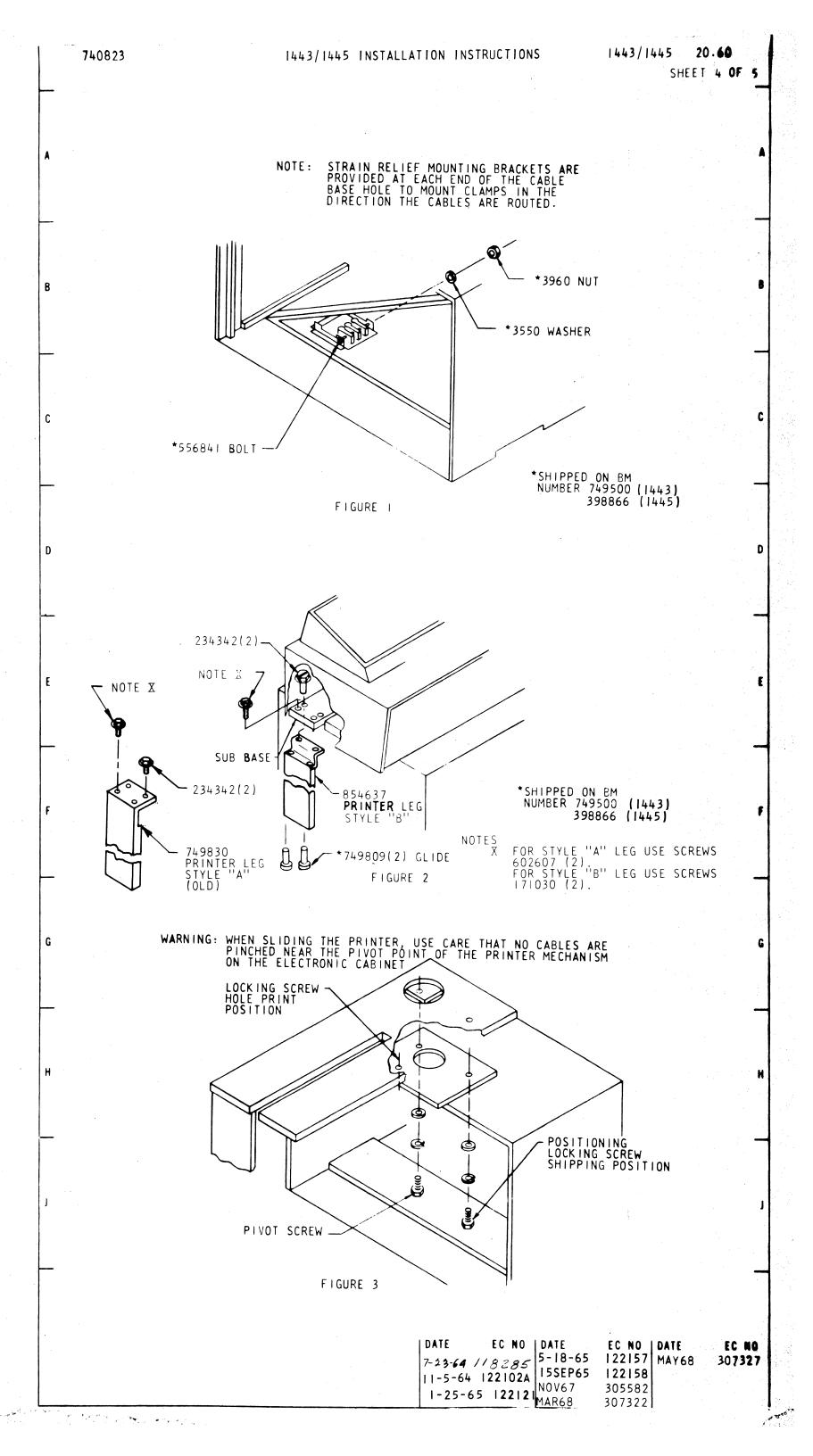
C. POWER ON CHECK (CONTINUED)

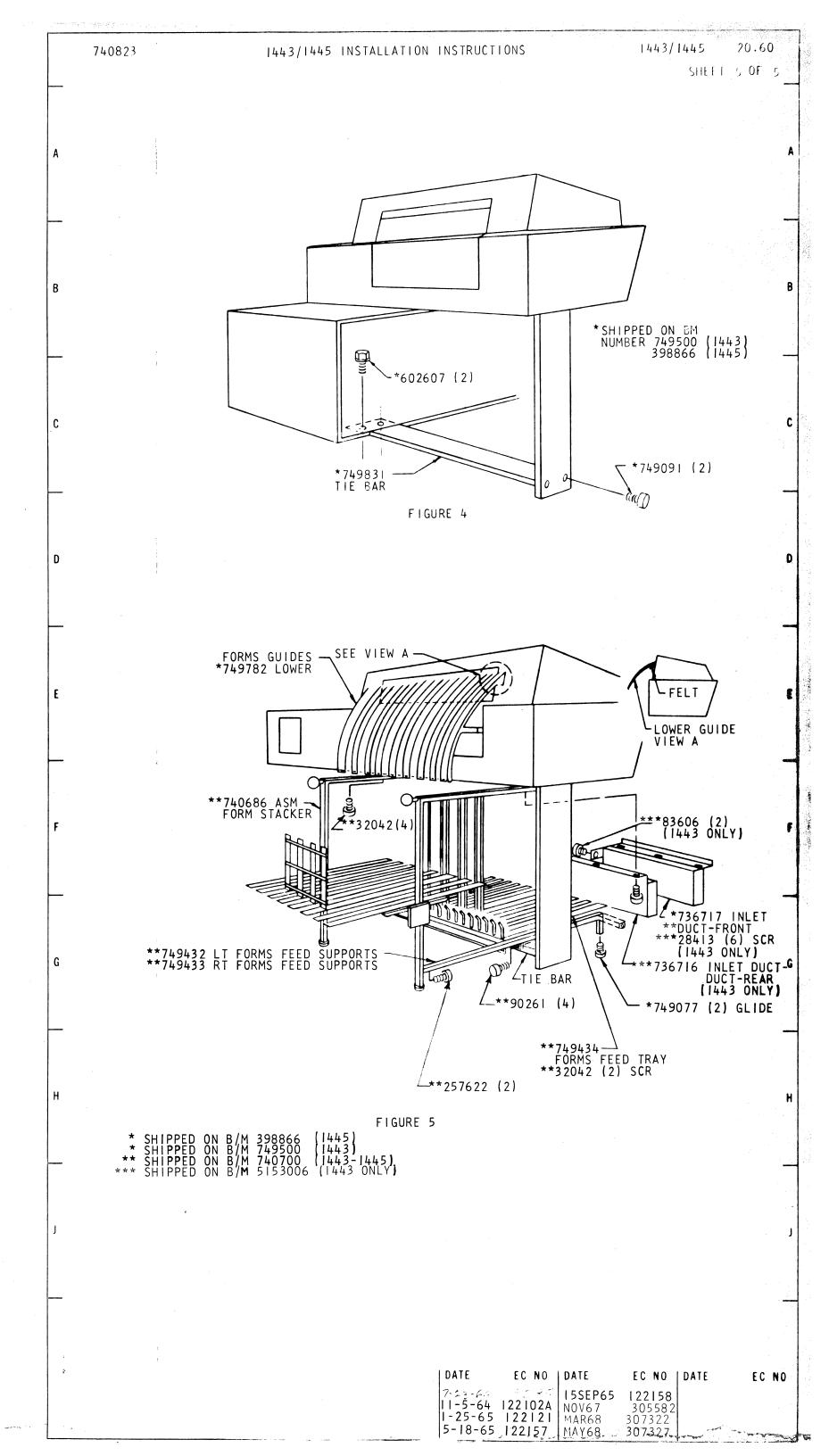
3. CHECK THAT ALL HAMMERS STAY AGAINST THEIR MAGNETS BY HOLDING THE START KEY DOWN AND DEPRESS THE RESET KEY. NOW, WITH "C" BITS IN THE PRINT AREA OF STORAGE, INSERT THE TYPE BAR AND START THE PRINTER.

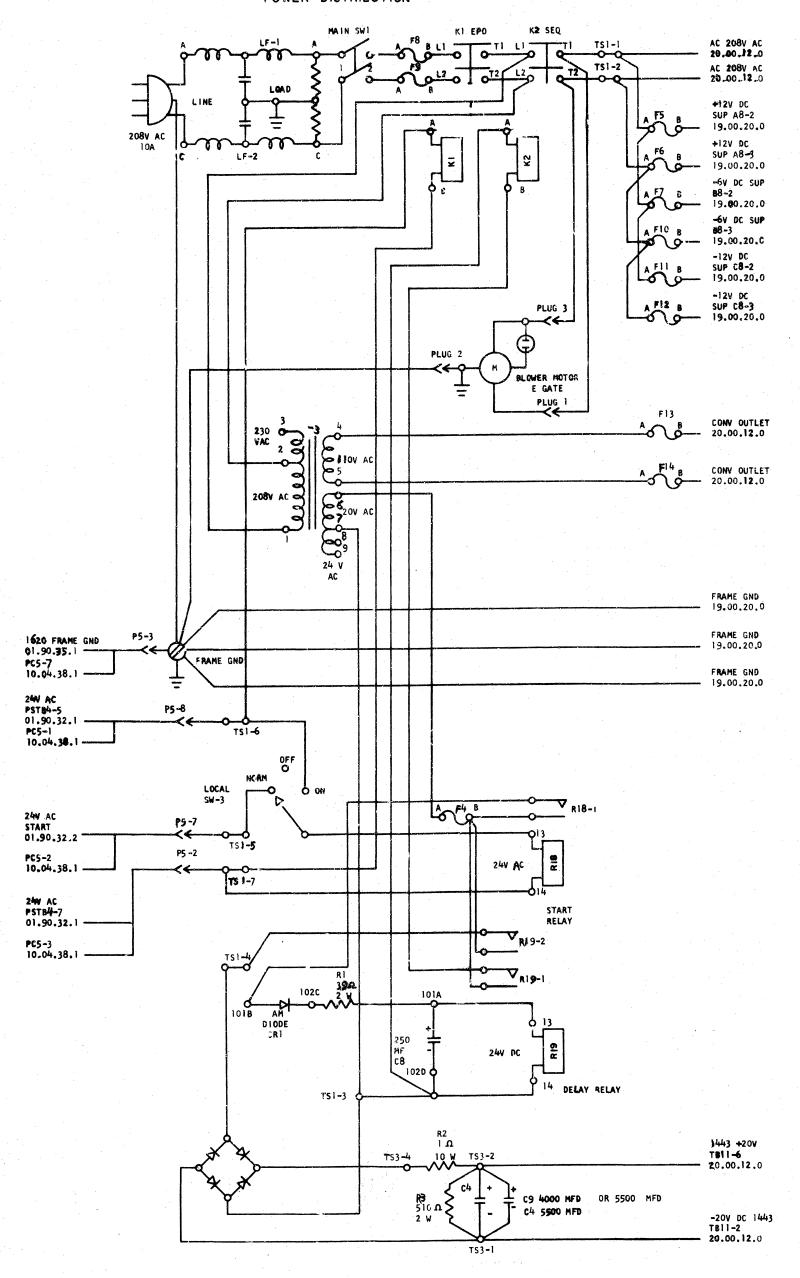
NOTE: NO HAMMERS SHOULD FIRE.

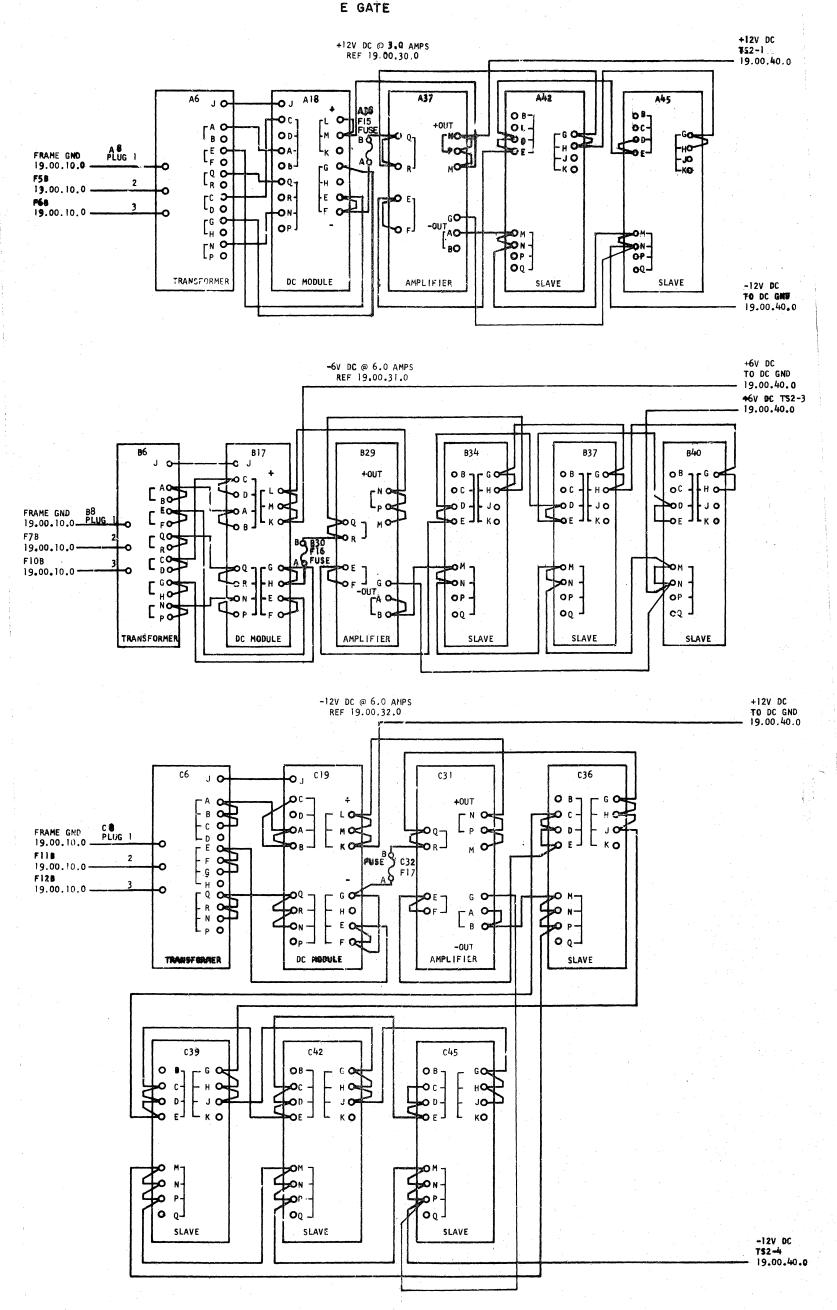
- 4. PLACE THE HAMMER UNIT CRANK IN ITS MOUNTING BRACKET ON RIGHT SIDE OF HAMMER UNIT.
- 5. INSERT CUSTOMER ENGINEERING MANUAL PARTS CATALOG (RECEIVED IN MAINTENANCE PACKAGE GROUP, NUMBER 749510 OR 398867), IN THE POCKET OF THE RIGHT COVER ON THE ELECTRONIC CABINET.
- 6. INSTALL ELECTRONIC CABINET COVERS TO THE PRINTER.

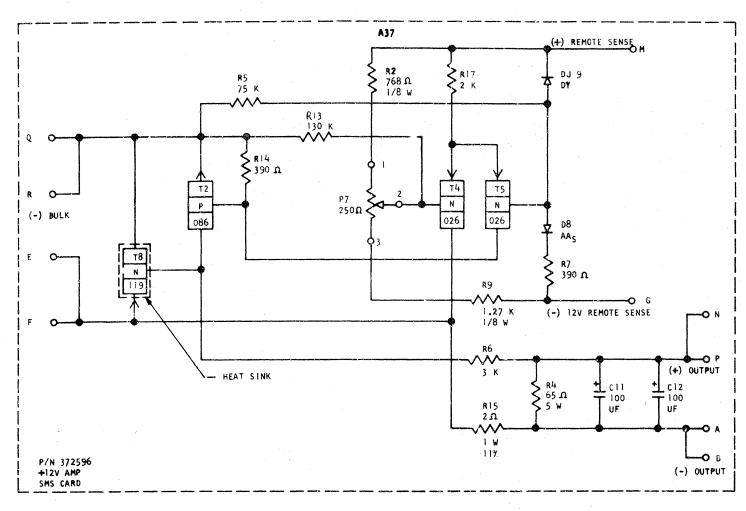
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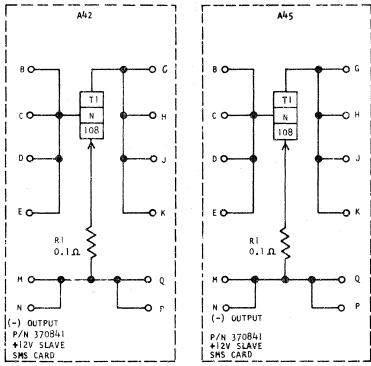


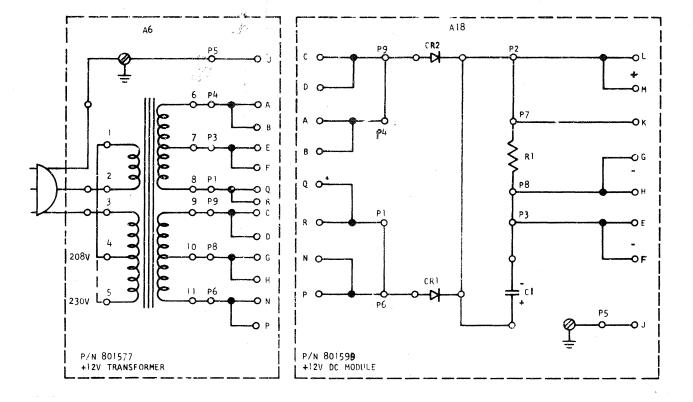






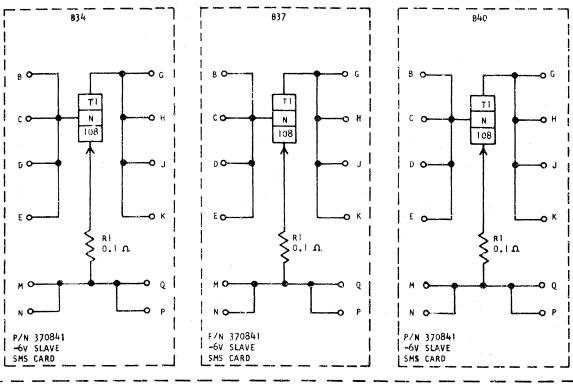


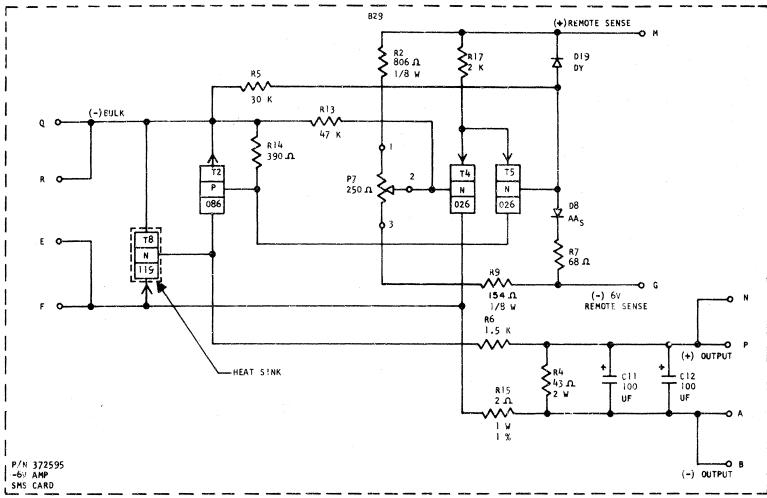


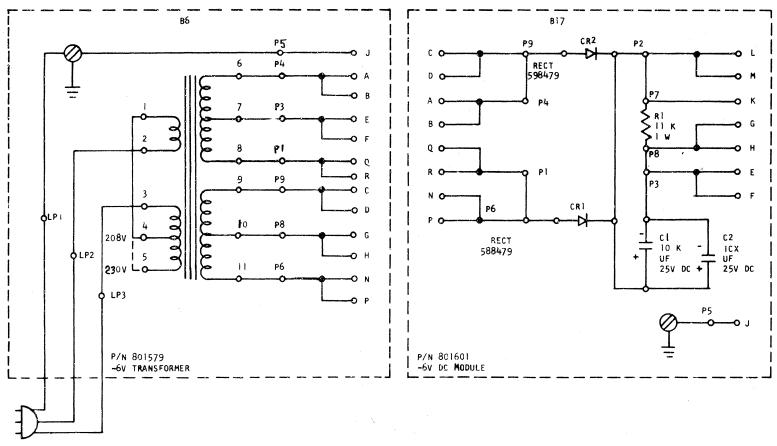


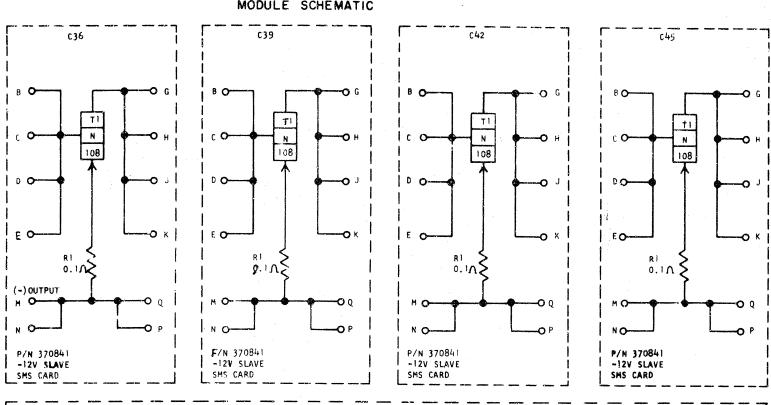


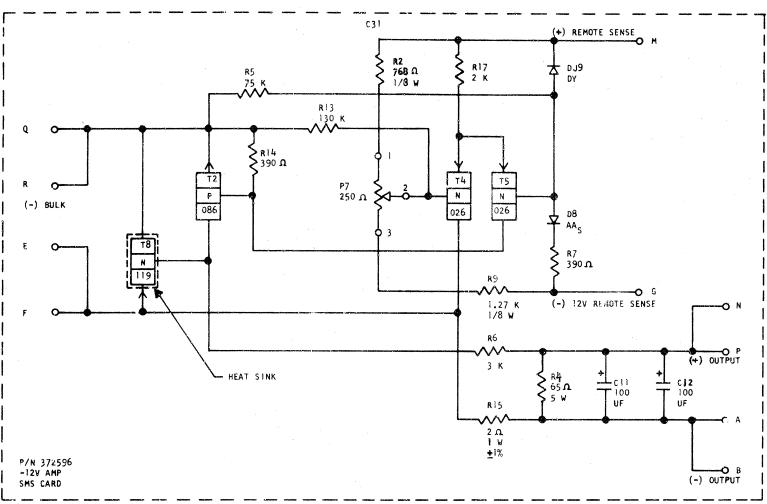
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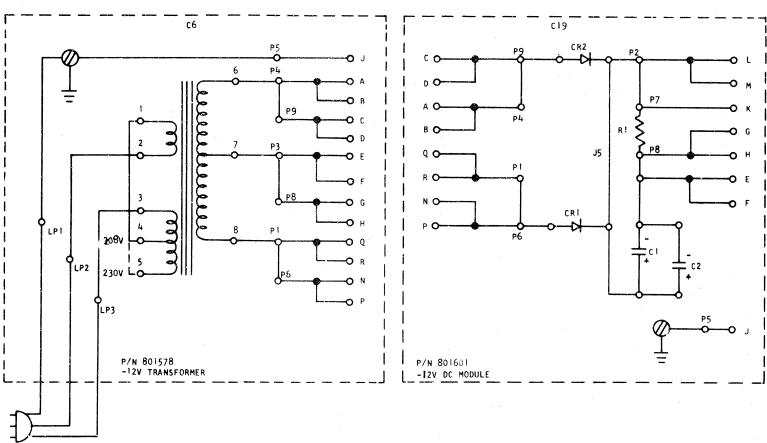




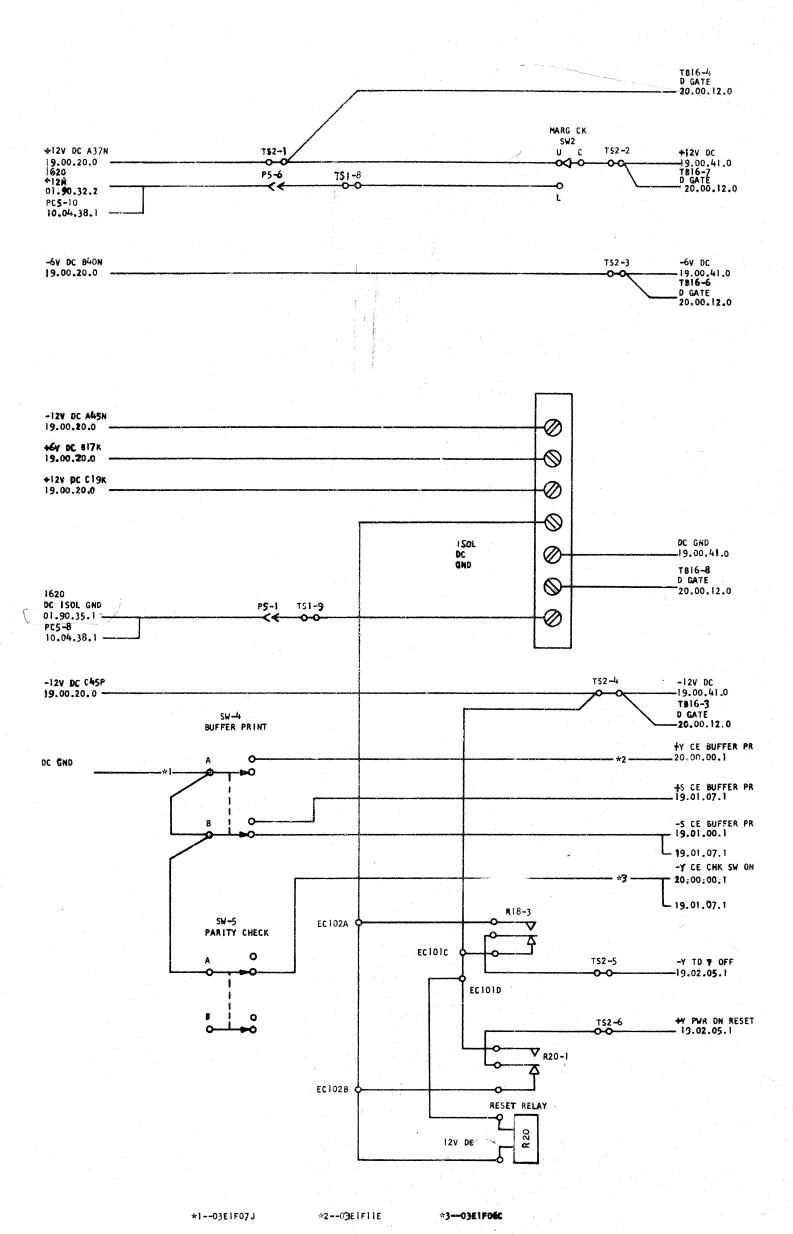


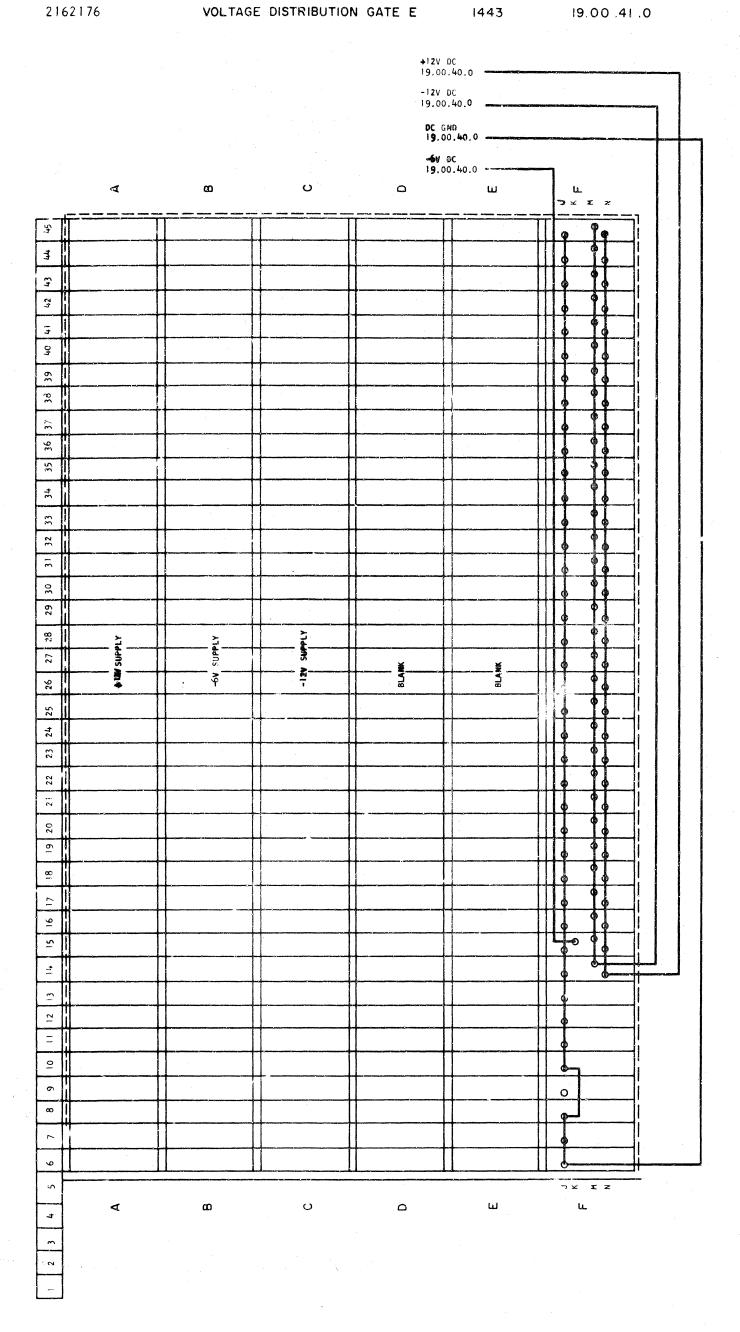






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COMPOMENT CHARTS RELAYS FUSES TERM. STRIPS SWITCHES

1443-

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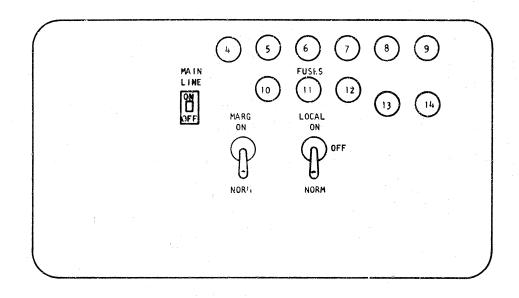
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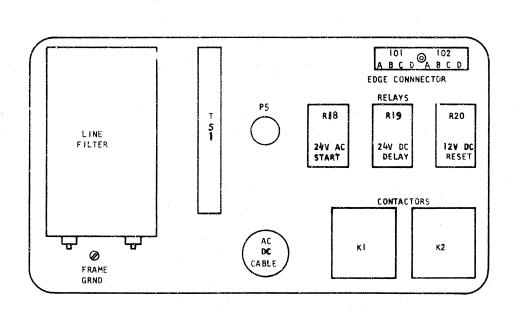
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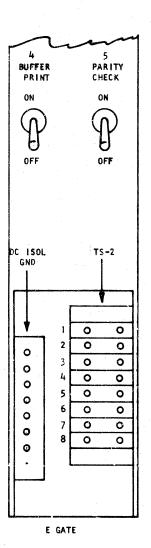
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LOCAL SEQ SW 3	19.00.10.0
SW 4	19.00.40.0
PARITY CHECK SW 5	19.00.40.0

EDGE CONNECTOR SEQ PANEL						
POINTS						
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102	19.00.40.0	19.00.40.0	19.00.10.0	19.00.10.0		

f			
FUSE	RATING	CIRCUIT	PAGE
F4	3.0 MDX	24V AC	19.00.10.0
F 5	1.0 MDL	208V AC	19.00.10.0
F 6	1.0 MDL	-12V DC	19.00.10.0
F7	0.8 MDL	208V AC TO -6V DC	19.00.10.0
. F8	10.0 AMP	208V AC	19.00.10.0
F9	10.0 AMP	LINE	19.00.10.0
F10	0.8 MpL	208V AC TO 6V DC	19.00,10.0
FII	1.0 MOL	2089 AC TO	19.00.10.0
F12	1.0 MDL	-12V DC	19.00.10.0
F13	10.0 AMP	110V AC	19.00.10.0
F14	10.0 AMP	CONV OUT	19.00.10.0
F15	3.0 AS	♦12V DC	19.00.20.0
F16	6.0 AG	-6V DC	19.00.20.0
¥17	6.0 AG	~12V DC	19.00.20.0







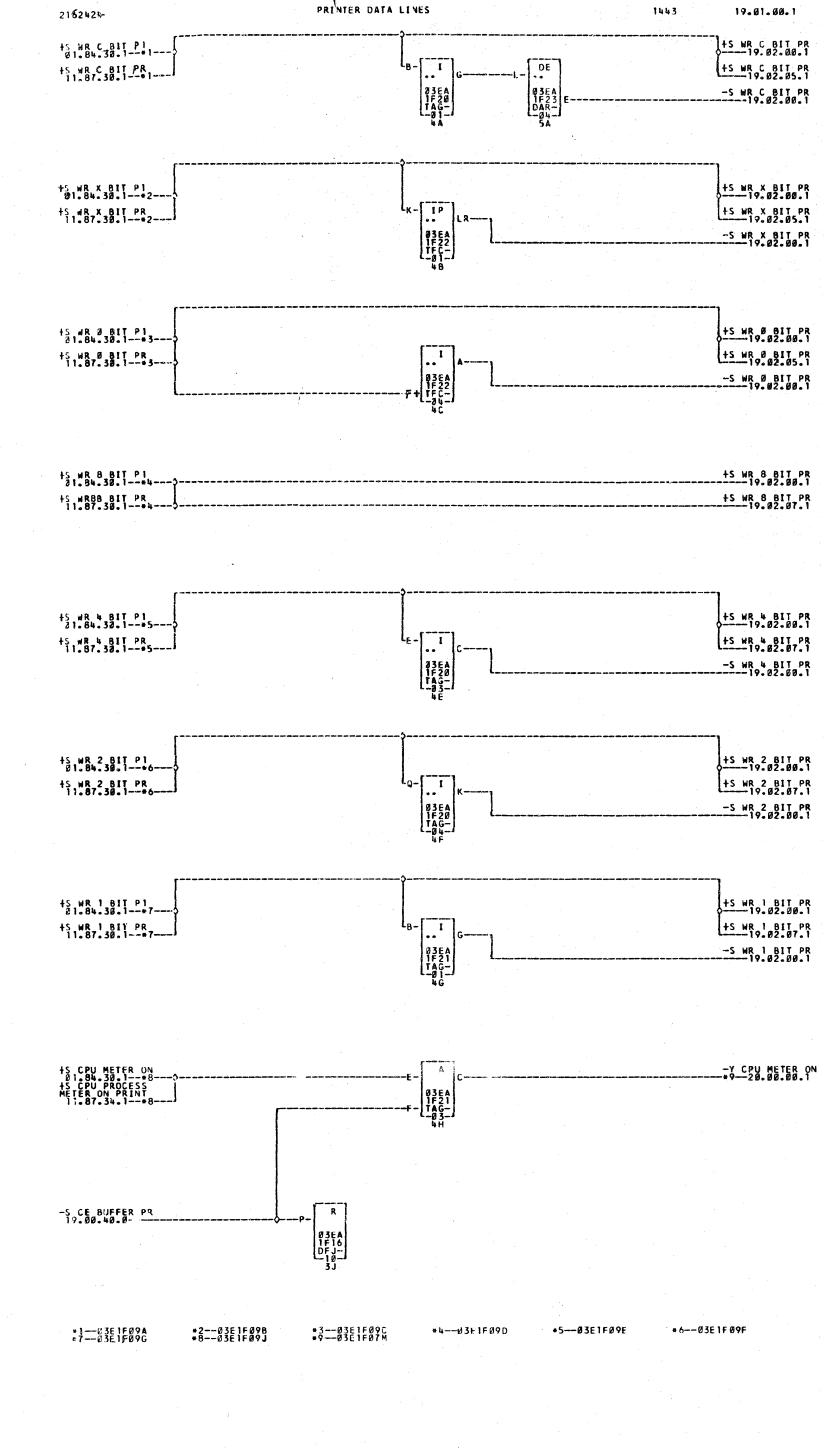
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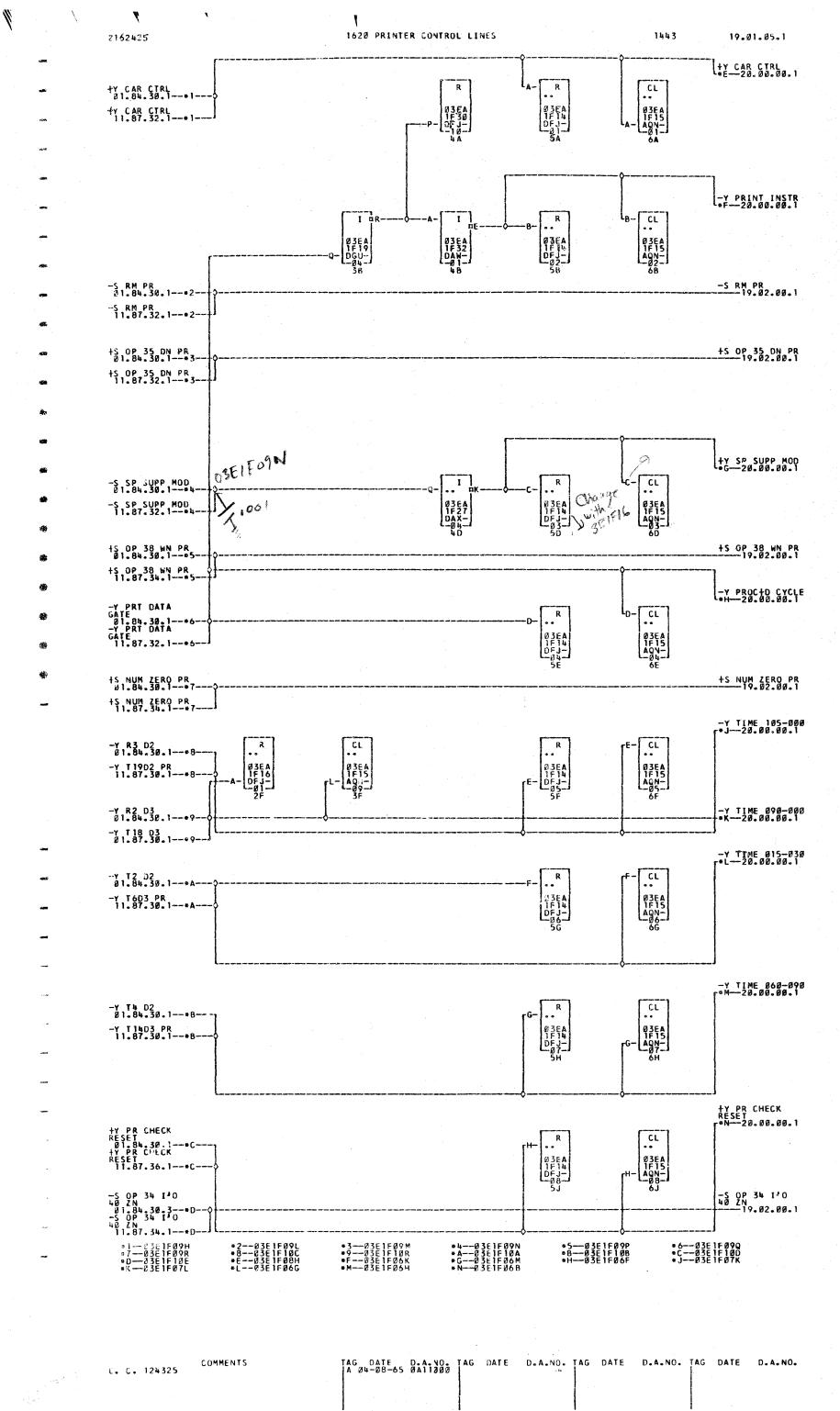
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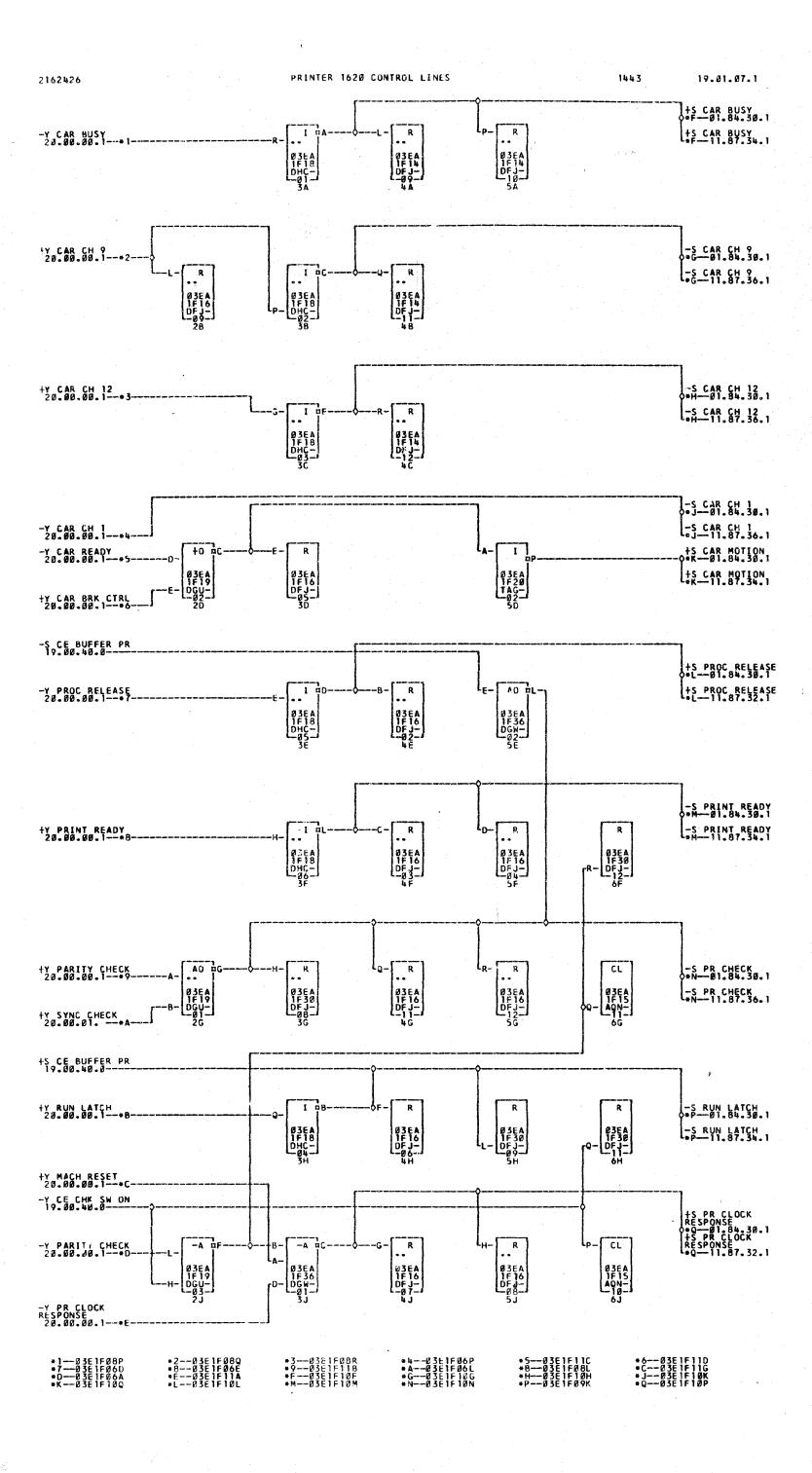
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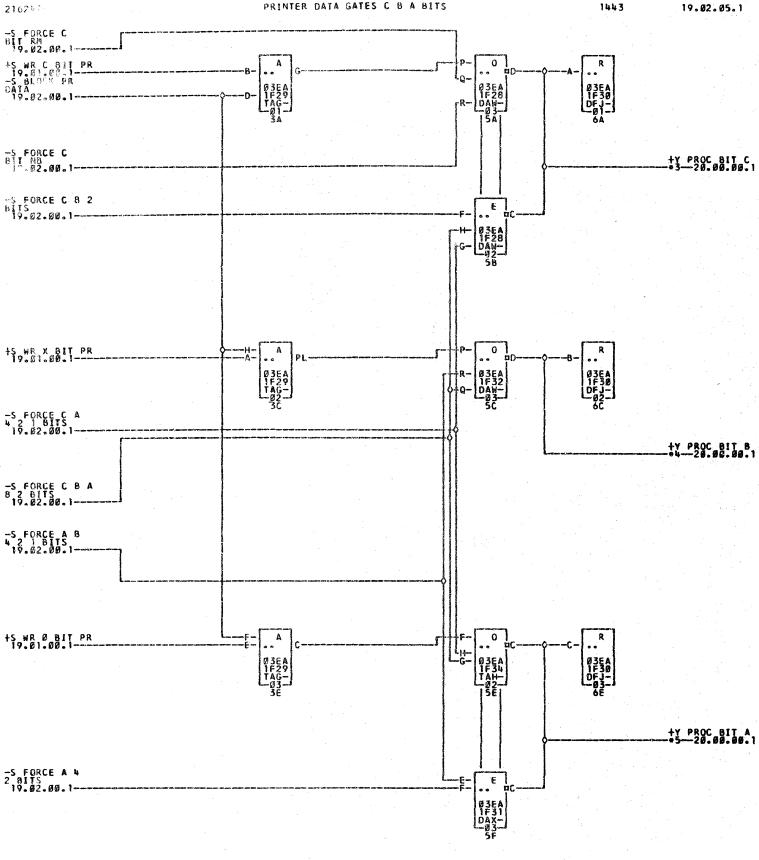
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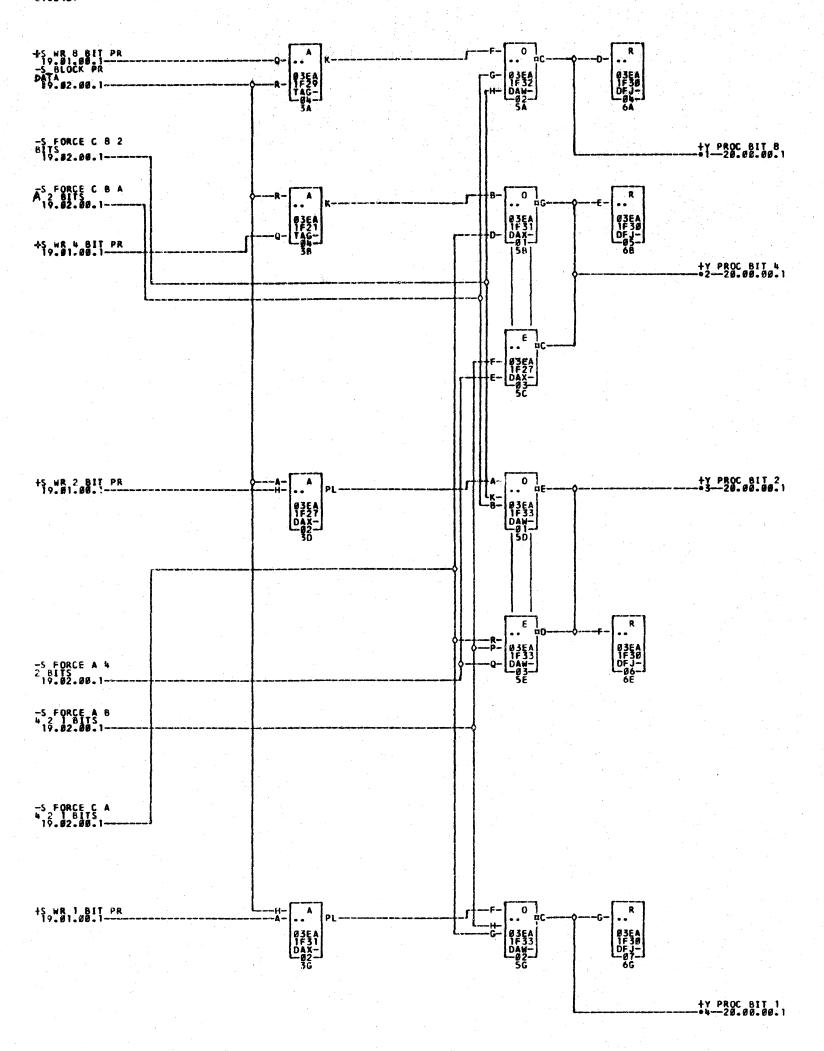
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SHEET 1 of 3

TBM 1443 PRINTER INSTALLATION

NOTE: This installation procedure is for the 1620 1 1943 Attachment. For the 1620 11/1443/ Attachment installation instructions refer to the 1620 11 System Logies. (10.02.00.1, Sheets 11 and 12)

- 1. NOTE: Service clearance information is available in the 1620 physical planning manual form #C26-5501-2.
- 2. Insure that the correct voltage is present at the customer's power outlet.
- 3. Unpack and set up the machine as outlined by the pack-unpack instructions taped to the top of the machine. Bring out all interconnecting cables through the bottom of the cabinet before lowering the glides. Clamp cables in machine by assembling clamping rod (P/N 556841) thru tabs in cabinet base and thru clamp on cables. Secure rod by using washer (P/N 3550) and nut (P/N 3960). To remove shipping casters and lower unit into position screw down all four jacks until casters are just lifted from the floor. Remove casters. Lower one end of machine by alternately screwing the front and rear jacks up into machine a little at a time until machine is at the desired level. Lower other end of machine using the same procedure. Use Page 3 as a guide for mounting the inlet ducts and setting up the form feed stacker.

NOTE: On previously installed systems, the 1443 should be assembled off line before taking processor control away from customer.

- 4. Make a visual check for parts broken or damaged in transit.
- 5. Check the manual knobs, levers, and covers for correct receptacles.
- 6. Check that all SMS cards are fully seated in their receptacles.
- 7. Make 1443 regulator transformer voltage tap changes as required. For 208V AC the transformer taps are TB3-1 and 4. For 230V AC the transformer taps are TB3-1 and 5. See logic page 20.00.09.0 for reference. TB3 is physically located against the rear wall of the 1443 SMS gate.

NOTE: There are terminals on this transformer that supply power for the sola-cell lamps.

- 8. There are three transformers in E gate which may require voltage tap changes. These are located in A, B, and C row between positions 8 and 15. For 208V AC a jumper is required between terminals 1 and 4 on the transformer winding. For 230V AC the jumper should be between terminals 1 and 5. It is necessary to remove the transformers from the gate in order to rewire them. Check that the label or marking on the transformers displays the correct voltage the transformers are wired for.
- 9. Make transformer T3 voltage tap changes as required. For 208V AC the transformer taps are T3-1 and 2. For the 230 V the taps are T3-1 and 3. See logic page 19.00.10.0 for reference. T3 is fastened to the machine base behind the power sequence box. Do not insert the type bar at this time.
- 10. Make 1443 Process Meter transformer voltage tap changes as required. See logic page 99.99.95.0 for reference.
- 11. One signal cable P/N 2162479, and one power sequence cable P/N 2159004, is required for attachment of the 1443 feature. At AC power cord P/N 2162477 is already attached to the 1443.
 - a. Signal cable P/N 2162479: Route the end labeled 1620 up through the opening in the rat guard under C and D gates and fasten cable clamp. Install the paddle locks. Insert the two paddle cards into the connectors in back of D gate. (DWT/A 01 is closest to D gate wiring. Use the numbers DWT/A 01 and DWT/A 02 stamped on the paddles as a guide. Route cable thru existing cable clamp on gate post of 1443 machine, together with existing ribbon cables. Spread cable to fit evenly within clamp. Attach the paddle cards on the 1443 end to the E gate paddle locations 03E1F09 and 03E1F10 using the numbers marked on the cable paddles as a guide.
 - b. DC power cable P'N 2159004: Route the end labeled 1620 up the opening in the rat guard under the capacitor rack (rack is on back of power supply tubs). Attach it to the cannon connector located between the two rows of capacitors. Route the other end of the cable to the 1443 and attach it to the 1443 P5 connector located behind the 1443 fuse panel.
 - c. AC power cable 2162477: Plug into the customers power outlet.
 - d. If the CPU does not have a time meter, install jumper E1F21E to E1F21J.
- 12. Turn on system power.

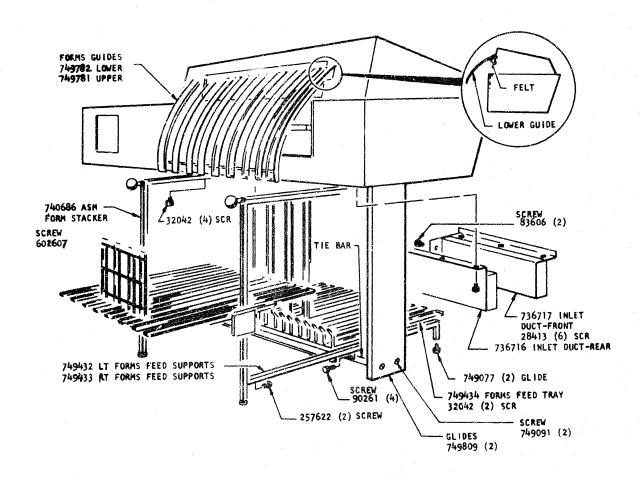
SHEET 2 of 3

- 13. When the system is ready, turn on the 1443 power (with the type bar out of the printer) and perform the following checks.
 - a. Check the -7V power supply for -7+1/2V between terminals TB11-3 and 8. If it is not within specifications, select the proper taps on TB2. Use 1993 logic pages 20.00.09.0, 20.00.10.0 & 20.00.07.0 as reference. TB2 is physically located against the rear wall of the 1993 SMS card gate. Use 1993 logic pages 20.00.09.0 & 20.00.03.0 as reference.
 - b. Check the voltage across the solar cell lamps at TB8-4 and 8. It should be between 1.9V and 2.2V R.M.S. (4.3 to 4.9V peak to peak.) TB8 is physically located on the solar cell unit.
 - c. Check the SMS gate and cover blowers for proper operation.
 - d. Check that all interlock switches operate properly.
 - a. End of forms
- d. Carriage brush block
- b. Forms check (2)
- e. Hammer restore crank shaft.
- c. 6-8 line cover
- 14. Before inserting the type bar, hold the start key down and press the reset key repeatedly to cause the printer to take several hammer restore cycles. Check that all hammers stay against their magnets. This procedure is taken to minimize the possibility of damaging the typebar on installation.
- 15. Insert typebar and ready the printer.
- 16. Clear 1620 I memory to C bits. Insert: 39 00101 00900 49 00000 Start printer. No hammer should fire.
- 17. Run 1443 diagnostic test 0043 to give the machine a complete operational check.

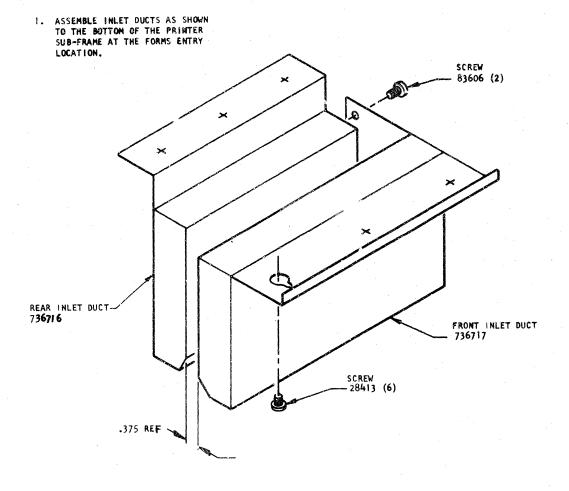
PREPARATION FOR SHIPMENT

1. Order B/M 7321848 from Endicett, N. Y. to prepare the unit for shipment by air, rail, truck, use B/M 7321849 to prepare the unit for shipment by van.

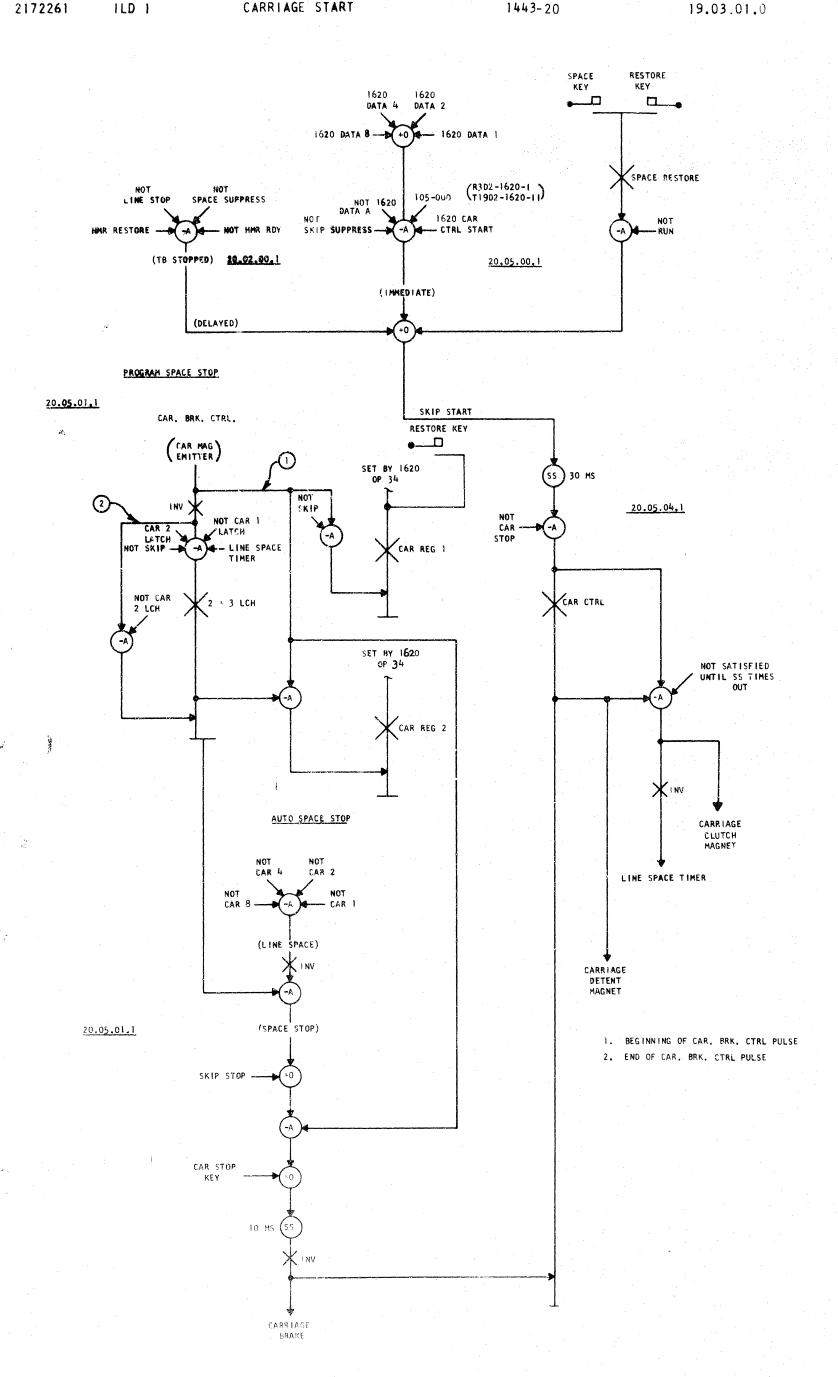
STACKER AND TRAY

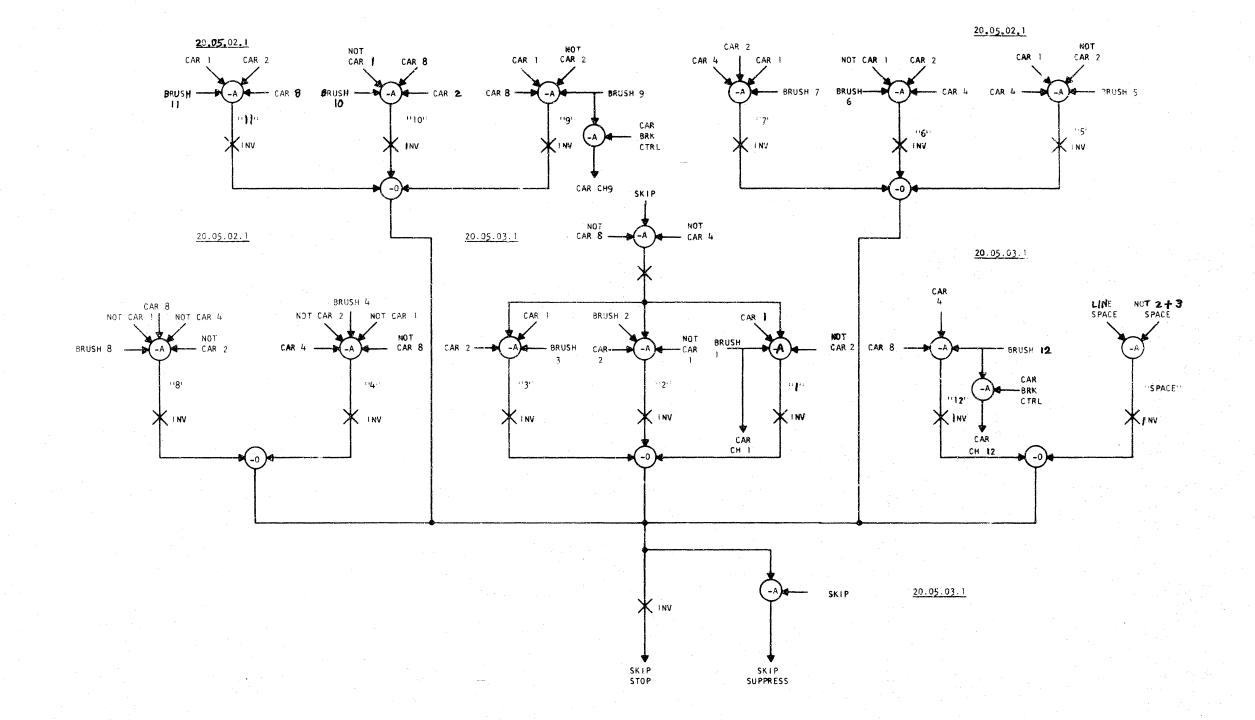


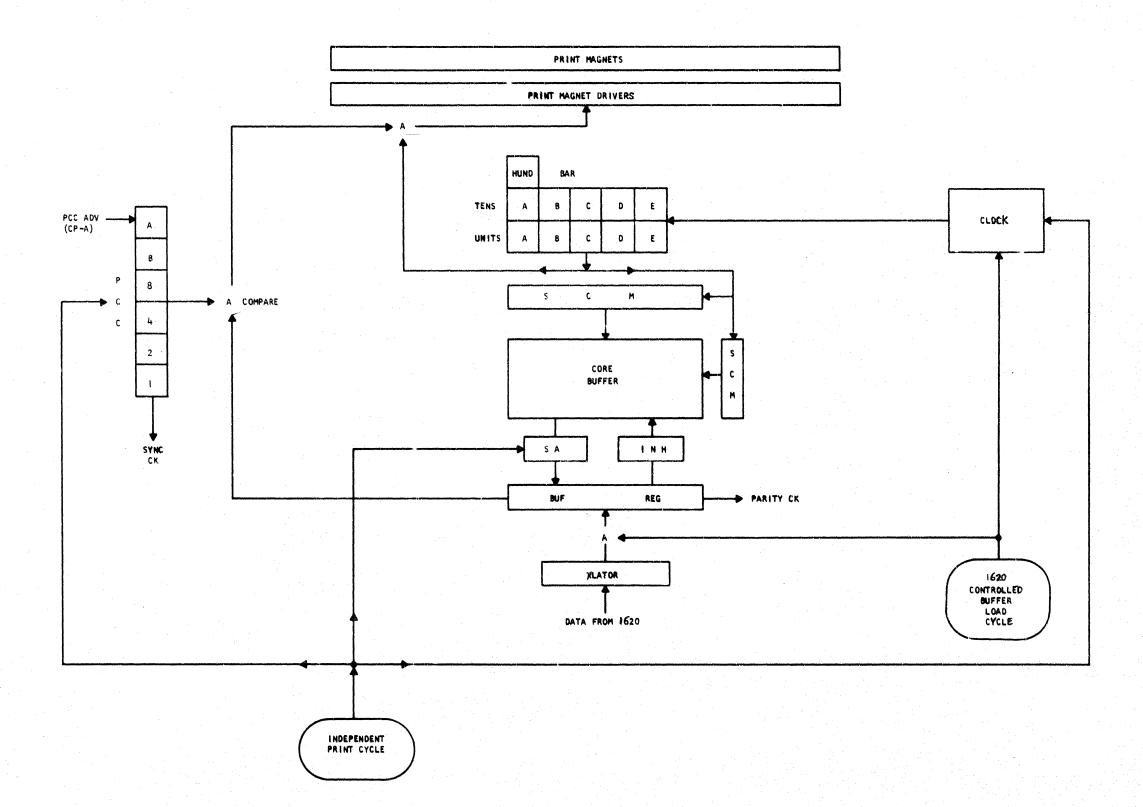
INLET DUCTS

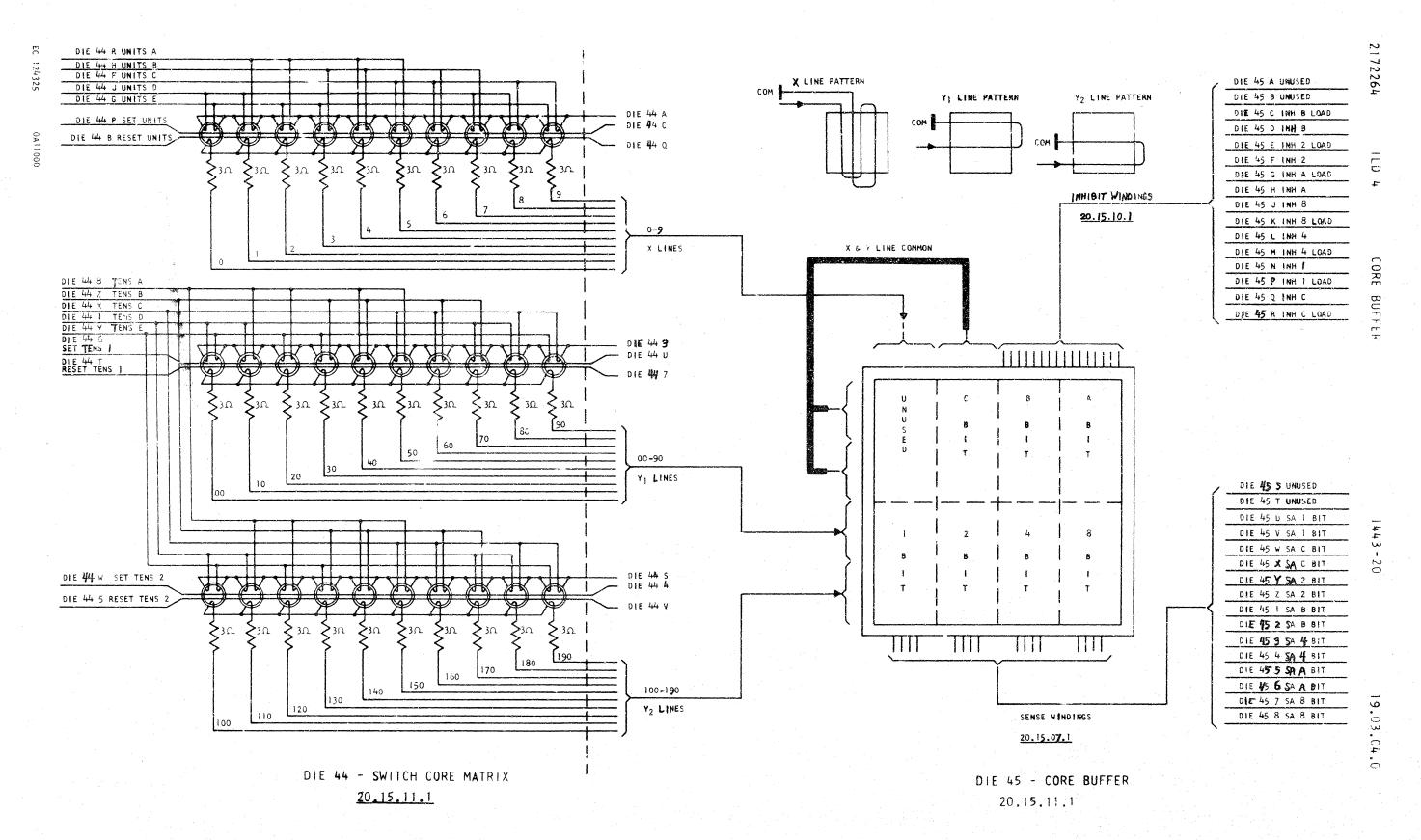


1443			1620 ADAP	TER —
REF PAGE	TERMINAL	FUNCTION	REF PAGE	TERMINAL
20.00.07.0	CBI oP I oL	208V AC	19.00.10.0	TS1-1
20.00.07.0	C81-P2-L	208V AC	19.00.10.0	TS1-2
20.00.07.0	FRAME SCR	FRAME GND	19.00.10.0	P5-3
20.00.07.0	CONV. OUTLET	115V AC	19.00.10.0	F 13 B
20.00.07.0	CONV. GUTLET	115V AC	19.00,10.8	r 14 s
	TB 16-3	-12V DC	19.00.40.0	TS2-4
	TB 16-6	-6v DC	19.00.48.8	TS2-3
20.00.37.0	TB 16-7	+12H DC	19,00,40.0	T\$2-2
	TB 16-8	GND (+12M)	19.00,40.0	DC ISOL GND
	TB 16-4	+12V DC	19.00.40.0	T\$2-1
20.00.04.0	TB 11-2	-20V DC	19.00.10.0	T\$3-1
20.00.07.0	TB 11-6	GND (-20V)	19.00.10.0	T53-2



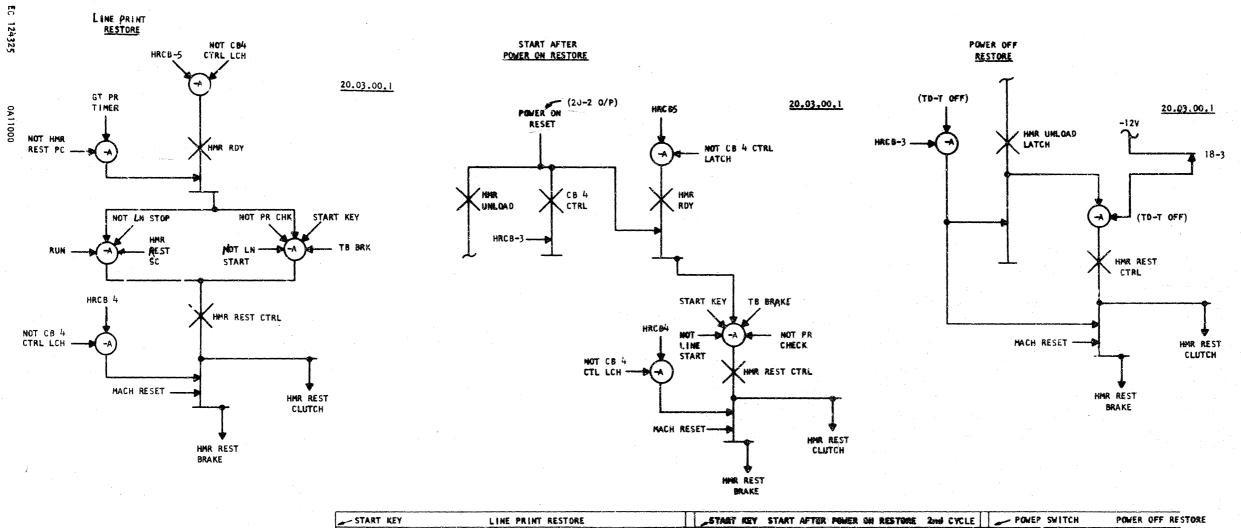


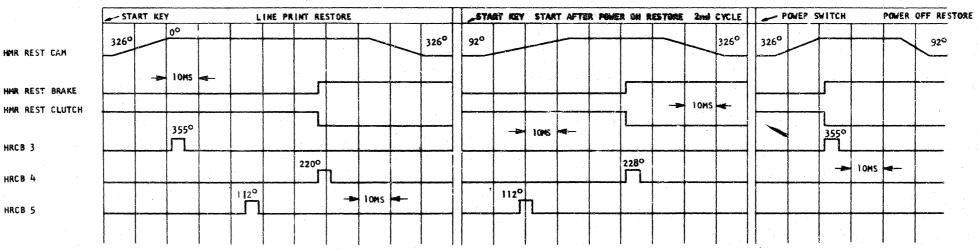




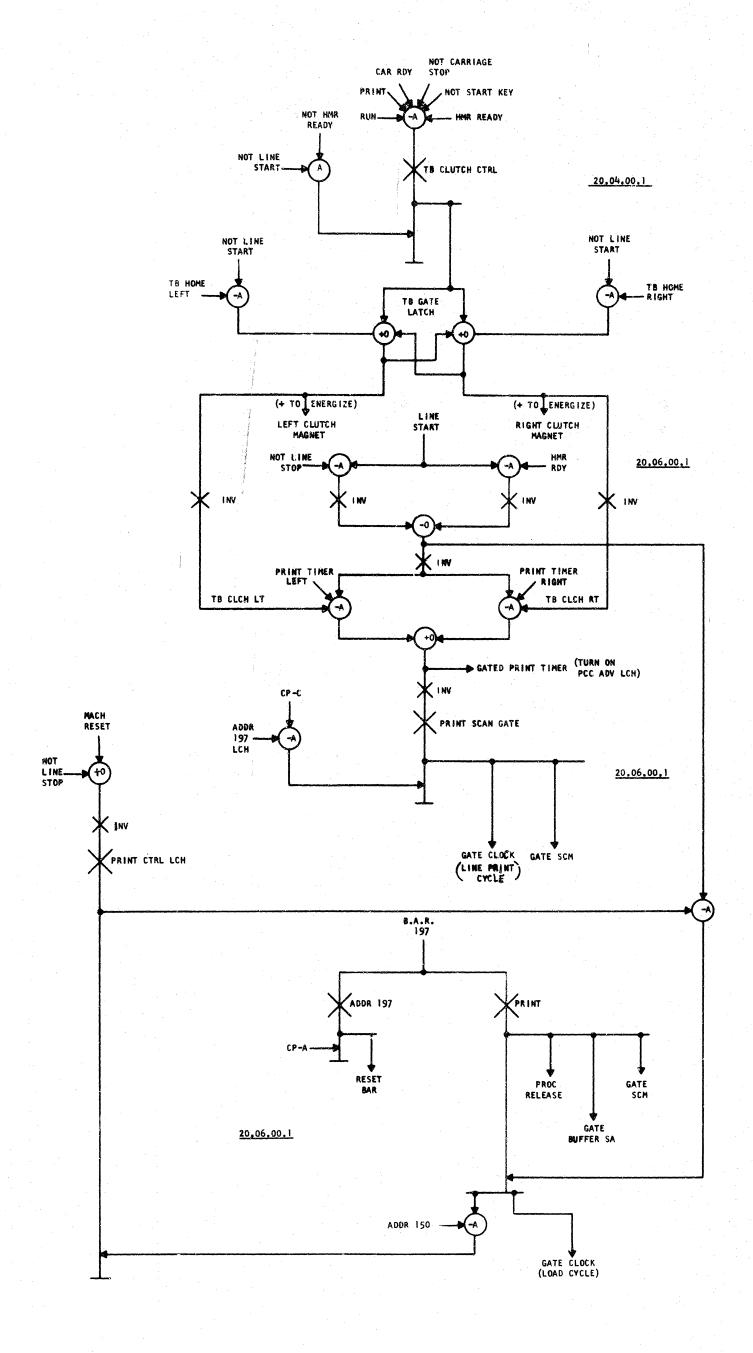


HAMMER RESTORE CONTROL

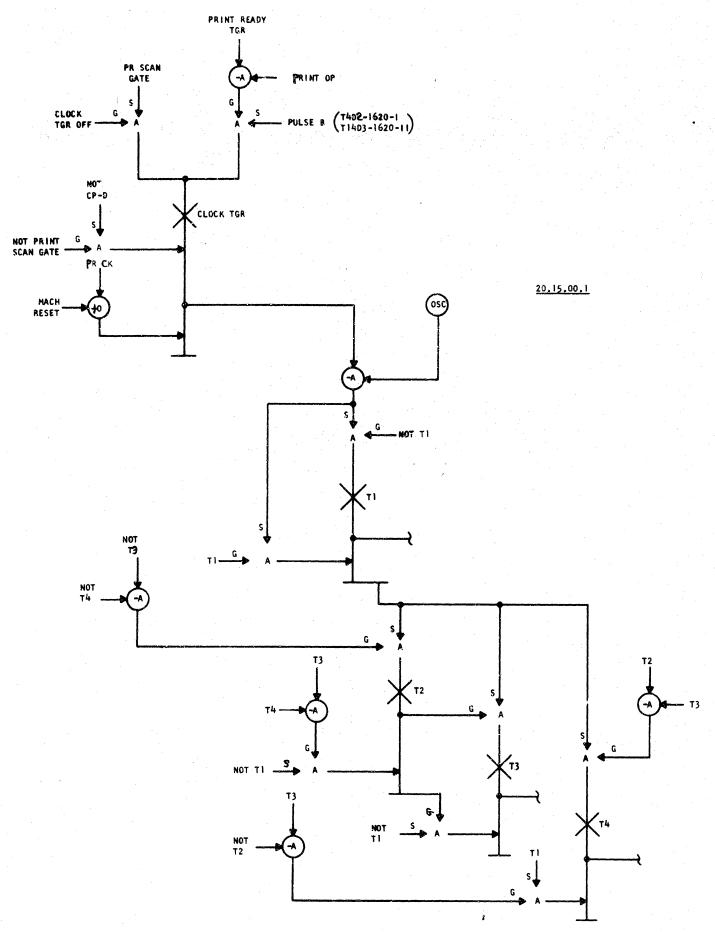




1443-20



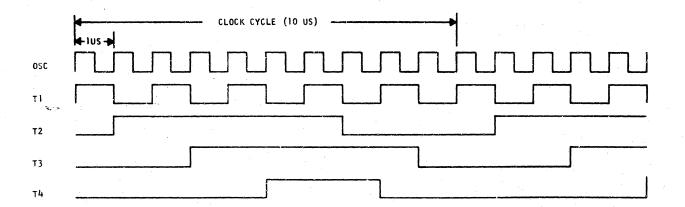
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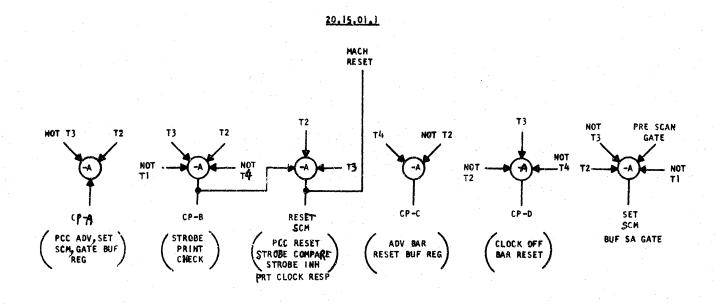


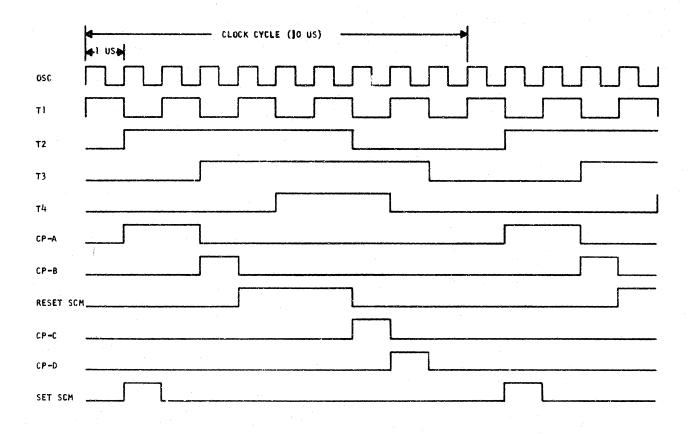
G = GATE CONTROL FOR TRIGGER SET/RESET

S = SET PULSE

G MUST BE PLUS FOR S TO BE EFFECTIVE

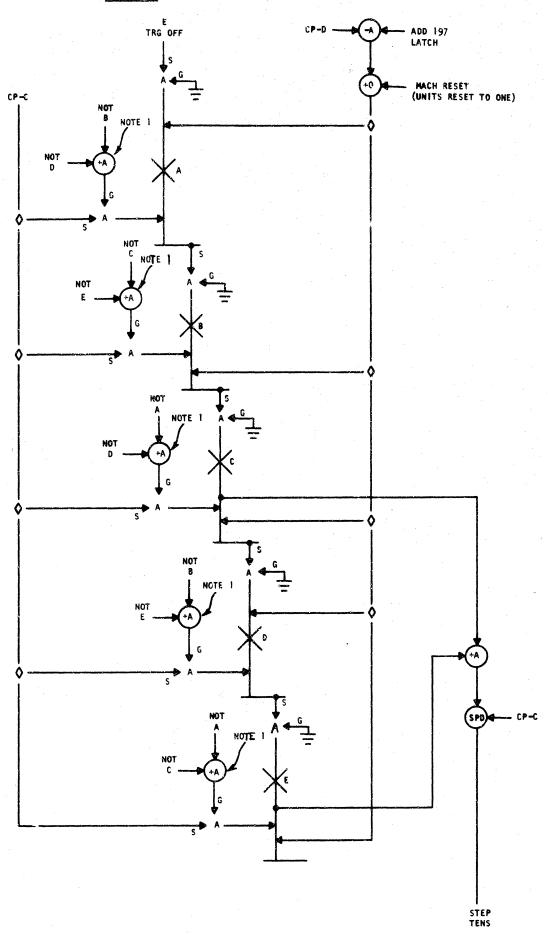






2172269

20,15,02,1



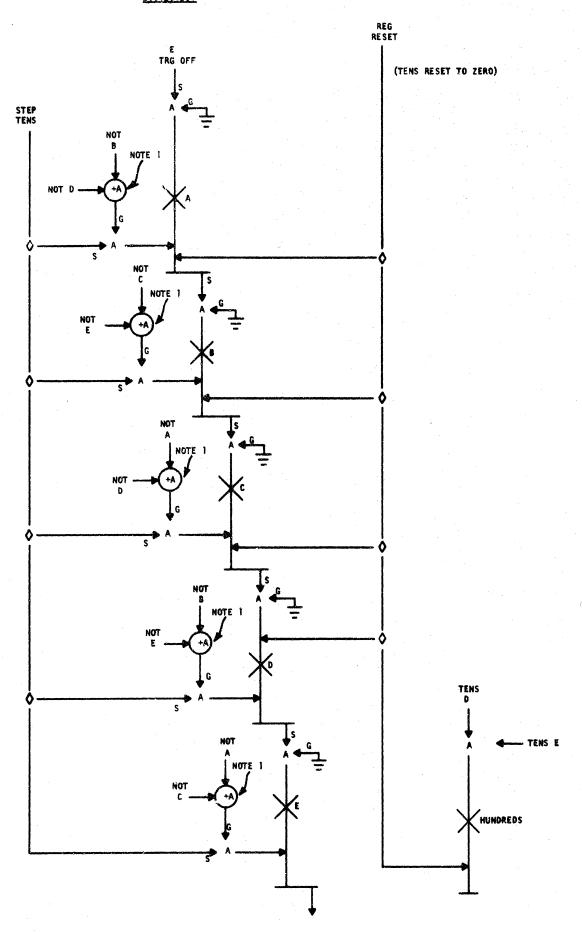
DIGIT VALUE	TRIGGERS OFF	TRIGGERS ON
0	A 8 C	D E
1	BCE	A D
2	BCD	A E
3	ACD	ΒE
4	CDE	A 🕏
5	BDE	A C.
6	A D E	9 C
7	ACE	₿D
8	ABE	C D
9	A B D	C E

SEE ILD 7 FOR NOTES ON S & G

NOTE 1 - NON INVERTING AND CIRCUIT

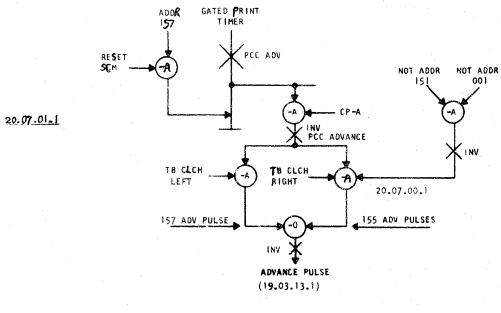
(PLUS IN = PLUS OUT)

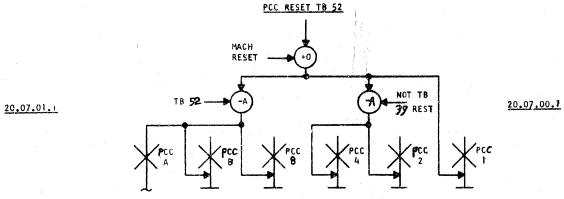
20.15.03.1

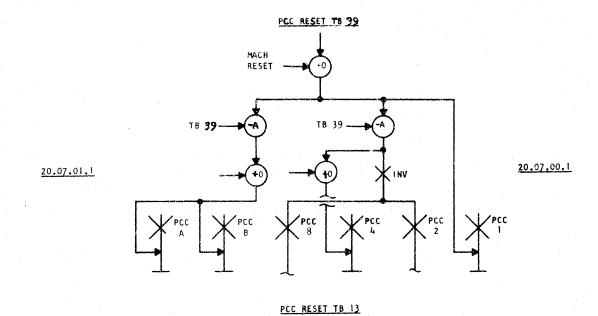


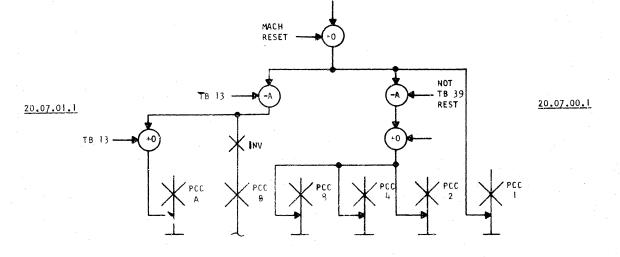
DIGIT VALUE	TR I	GGE FF	RS		GGERS On
0	Α	В	С	D	E
1	В	Ç	E	Α	D
2	В	C	D	А	E
3	Α	C	D	В	E
4	С	D	E	Α	8
5	В	D	E	A	С
6	Α	D	E	В	С
7	Α	C	E	В	D
8	Α	В	Ε	С	D
9	А	В	D	C	E

SEE ILD 7 FOR S & G NOTES SEE ILD 9 FOR NOTE 1









2172272

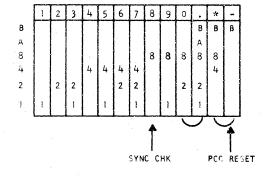
11012

1443 "K" SET TYPE BARS & ASSOCIATED BIT CONFIGURATIONS

TB 52

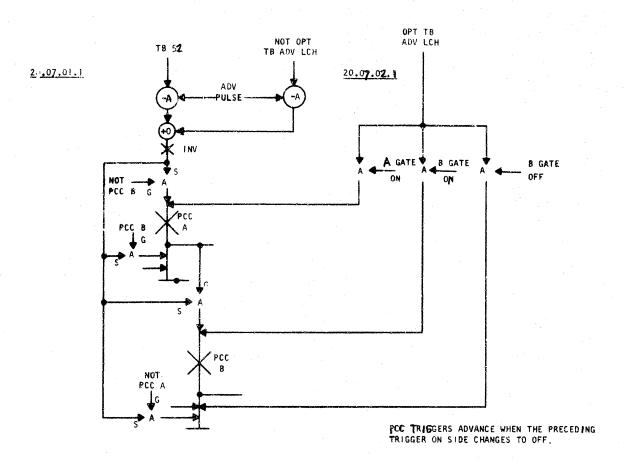
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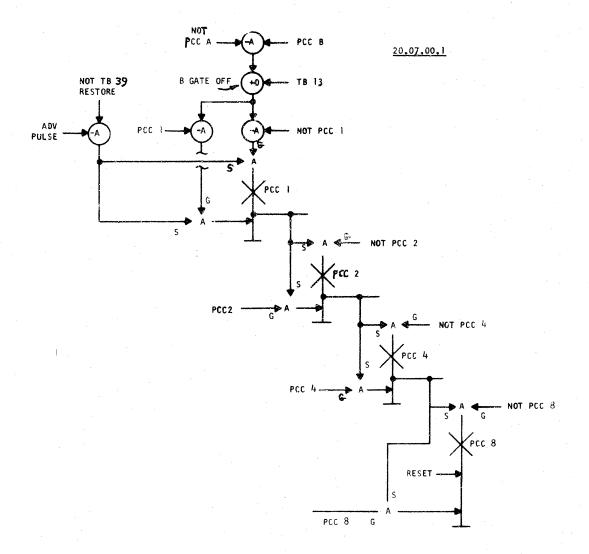


2 ENCLOSED CHARACTERS DO NOT PRINT ON 1620

THIS MARK SIGNALS A CHANGE IN PCC DRIVE PATTERN SEE ASSOCIATED FUNCTION CHART

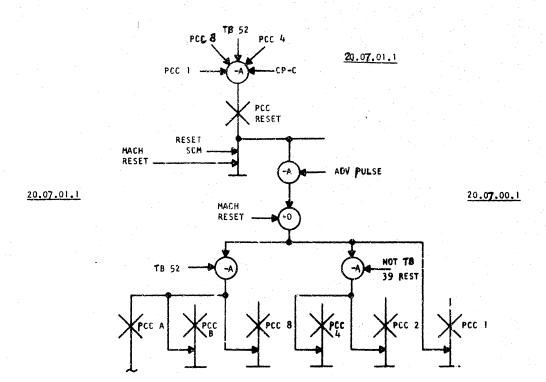


SEE ILD FOR S & G NOTES



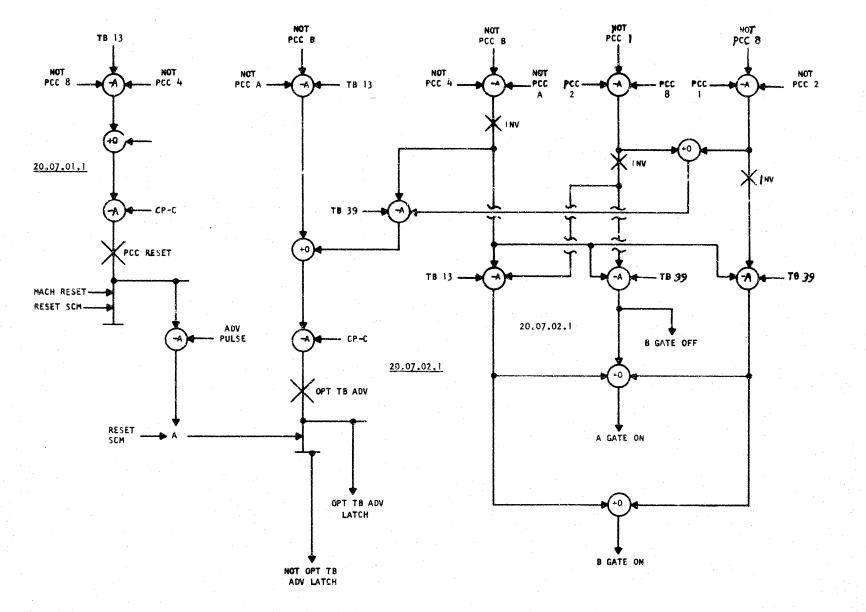
19.03.14.0

to to

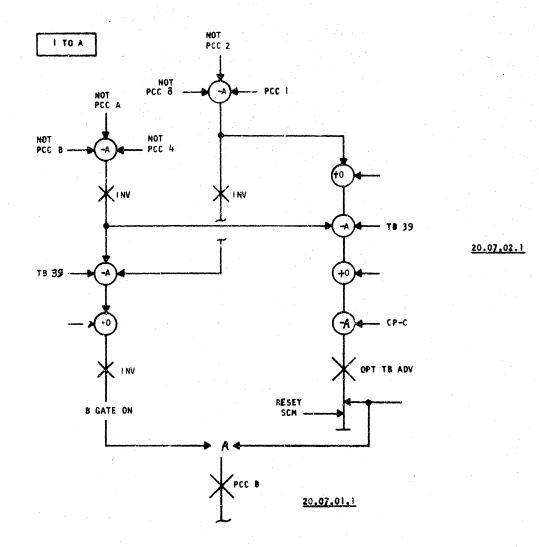


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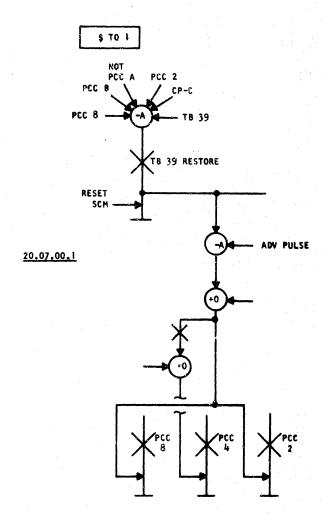
0A1 1000



20.07.02.1

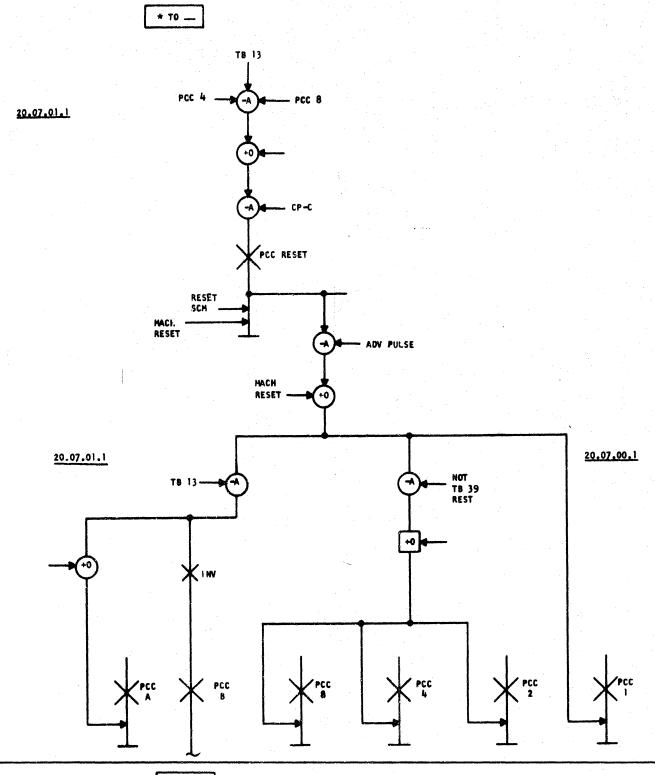


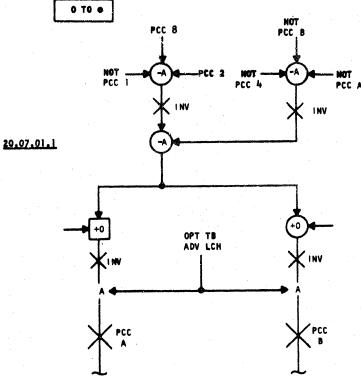
0 TO 9 PCC 8 20.07.00.1 TB39 B GATE OFF NOT PCC 1 PCC 1

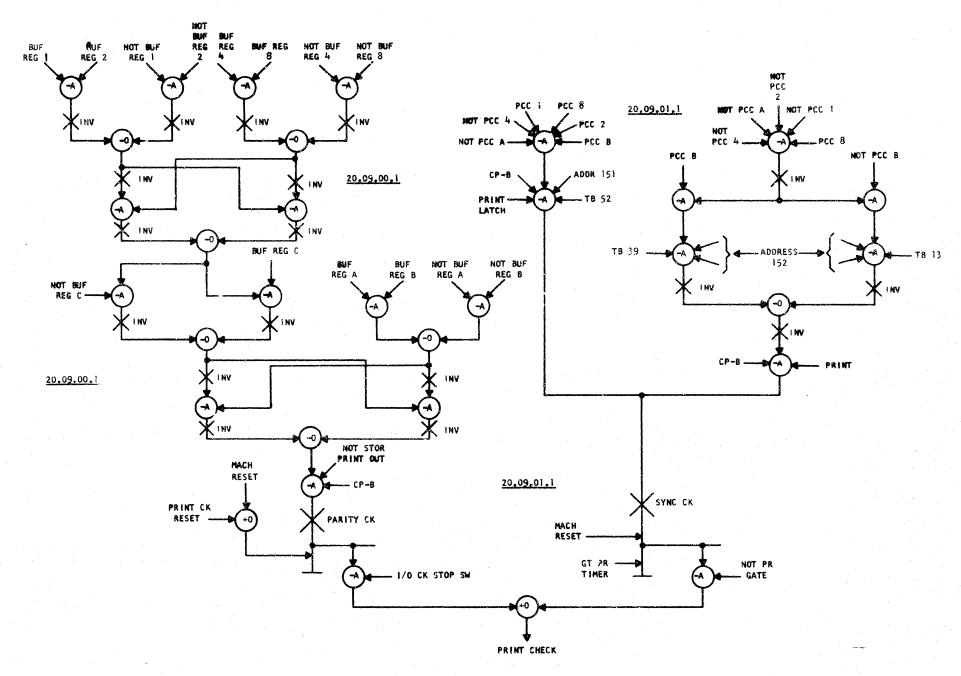


1LD 18

PCC DRIVE EXCEPTIONS TO 13







PARITY